

August 30, 2005

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: 1-9-9-16, 5-9-9-16, 7-9-9-16, and 8-9-9-16.

#### Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 8-9-9-16 location is also an Exception Location. Our Land Department has been notified and will send you the required Exception Location Letter. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

Mandie Crozier

Regulatory Specialist

mc

enclosures

FECEIVED 9CT 0 5 2005 BK.OFOIL, GAS&MINING

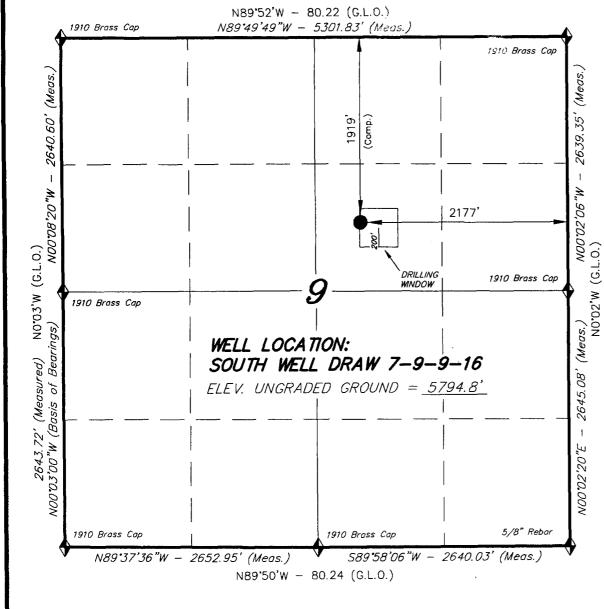
Form 3160-3 (September 2001)		•	FORM APPROV OMB No. 1004-0 Expires January 31,	136
UNITED STATES DEPARTMENT OF THE IN	5. Lease Serial No. UTU-65207	2001		
BUREAU OF LAND MANAC			6. If Indian, Allottee or Trib	ne Mame
APPLICATION FOR PERMIT TO DR	RILL OR REENTER			e ivalle
	——————————————————————————————————————	==	N/A	NT 1 NT
1a. Type of Work: DRILL REENTER			7. If Unit or CA Agreement, South Wells [	
			8. Lease Name and Well No.	
lb. Type of Well: 🖾 Oil Well 🚨 Gas Well 🚨 Other	Single Zone 🔲 Multi	ple Zone	South Wells Draw Federa	
Name of Operator     Newfield Production Company			9. API Well No. 43-01	3-32917
	3b. Phone No. (include area code)		10. Field and Pool, or Explora	tory
Route #3 Box 3630, Myton UT 84052	(435) 646-3721		Monument Butte	
4. Location of Well (Report location clearly and in accordance with a			11. Sec., T., R., M., or Blk. and	d Survey or Area
At surface SW/NE 1919' FNL 2177' FEL 574897)	x 40.047316			
At proposed prod. zone 4433168	Y -110.121994		SW/NE Sec. 9, T9S	
14. Distance in miles and direction from nearest town or post office*			12. County or Parish	13. State
Approximatley 15.6 miles southwest of Myton, Utah  15. Distance from proposed*	(C) NT (C)	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Duchesne UT	
location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 463' f/lse, 463' f/unit	16. No. of Acres in lease 280.00	17. Spacin	g Unit dedicated to this well  40 Acres	
18. Distance from proposed location*	19. Proposed Depth	20. BLM/F	BIA Bond No. on file	
to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1657'	6210'		UT0056	
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approximate date work will sta	rt*	23. Estimated duration	
5795' GL	1st Quarter 2006		Approximately seven (7) days from spud t	o rig release.
	24. Attachments			
The following, completed in accordance with the requirements of Onshore	e Oil and Gas Order No.1, shall be att	ached to this	form:	
<ol> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> <li>A Surface Use Plan (if the location is on National Forest System I SUPO shall be filed with the appropriate Forest Service Office).</li> </ol>	Item 20 above).  5. Operator certifications	ation. specific info	ns unless covered by an existing	
25. Signatura	Name (Printed/Typed)		Date	
Il lande rose	Mandie Crozier		[ 4]	/30/05
Title Regulator Specialist				
Approved by (Separary)	Name (Printed/Typed) BRADLEY G. I	HILL	Date	-18-05
Title	ENVIRONMENTAL SCIE	ENTIST II		
Application approval does not warrant or certify the the applicant holds leg operations thereon.  Conditions of approval, if any, are attached.	gal or equitable title to those rights in	the subject l	ease which would entitle the app	licant to conduct
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a States any false, fictitious or fraudulent statements or representations as to	crime for any person knowingly and any matter within its jurisdiction.	d willfully to	make to any department or age	ency of the United

\*(Instructions on reverse)

Federal Approval of this Action is Necessary

RECEIVED OCT 0 5 2005

## T9S, R16E, S.L.B.&M.





= SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

#### NEWFIELD PRODUCTION COMPANY

WELL LOCATION, SOUTH WELL DRAW 7-9-9-16, LOCATED AS SHOWN IN THE SE 1/4 NE 1/4 OF SECTION 9, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



#### Note:

The Proposed Well head bears N71'32'47"W 2295.70' from the East 1/4 Corner East 1/4 of Section 9.

THIS IS TO CERTIFY THAT THE ABOVE PELL WAS PREPARED FROM FIELD OF ACTUMENT SURVEYS MADE BY ME OR UNDER MY SUPPRESIDENT AND THAT THE SAME ARE TRUE AND SORRECT TO THE BEST OF MY KNOWLEDGE AND FELIEF No.189377

REGISTERED LAND SURVE REGISTRA DON NO. 10030 STATE OF BRANATE OF

#### TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: C.M.
DATE: 9-12-05	DRAWN BY: F.T.M.
NOTES:	FILE #

#### NEWFIELD PRODUCTION COMPANY SOUTH WELLS DRAW FEDERAL #7-9-9-16 SW/NE SECTION 9, T9S, R16E DUCHESNE COUNTY, UTAH

#### **ONSHORE ORDER NO. 1**

#### **DRILLING PROGRAM**

#### 1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

#### 2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta 0' - 2635' Green River 2635' Wasatch 6210'

#### 3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 2635' - 6210' - Oil

#### 4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

#### 5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

#### 6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

#### 7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

#### 8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

#### 9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

#### 10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

#### NEWFIELD PRODUCTION COMPANY SOUTH WELLS DRAW FEDERAL #7-9-9-16 SW/NE SECTION 9, T9S, R16E DUCHESNE COUNTY, UTAH

#### ONSHORE ORDER NO. 1

#### MULTI-POINT SURFACE USE & OPERATIONS PLAN

#### 1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site South Wells Draw Federal #7-9-9-16 located in the SW 1/4 NE 1/4 Section 9, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 10.9 miles  $\pm$  to it's junction with an existing dirt road to the southeast; proceed southeasterly -0.4 miles  $\pm$  to it's junction with an existing road to the northeast; proceed in a northeasterly direction -2.7 miles  $\pm$  to the proposed well location.

#### 2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

#### 3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

#### 4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

All permanent surfaces equipment will be painted Carlsbad Canyon. Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

#### 5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

#### 6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

#### 7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

#### 8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

#### 9. WELL SITE LAYOUT

See attached Location Layout Diagram.

#### 10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

#### 11. SURFACE OWNERSHIP - Bureau Of Land Management

#### 12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. AERC Report #1598, 7/21/98. Paleontological Resource Survey prepared by, Wade E. Miller, 6/29/05. See attached report cover pages, Exhibit "D".

For the South Wells Draw Federal #7-9-9-16 Newfield Production Company requests 100° of disturbed area be granted in Lease UTU-65207 to allow for construction of the proposed access road. Refer to Topographic Map "B". The proposed access road will be an 18° crown road (9° either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 370' of disturbed area be granted in Lease UTU-65207 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests 370' of disturbed area be granted in Lease UTU-65207 to allow for construction of the proposed water lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

#### Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

## Threatened, Endangered, And Other Sensitive Species None.

#### Reserve Pit Liner

A 12 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

#### Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Crested Wheatgrass	Agropyron Cristatum	4 lbs/acre
Needle and Threadgrass	Stipa Comata	4 lbs/acre
Scarlet Globernallow	Sphaeralcea Conccinea	3 lbs/acre
Fringed Sagebrush	Artemisia Frigida	1 lbs/acre

#### **Details of the On-Site Inspection**

The proposed South Wells Draw Federal #7-9-9-16 was on-sited on 7/12/05. The following were present; Shon Mckinnon (Newfeild Production), Melissa Hawk (Bureau of Land Management), and Amy Torres (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

#### 13. <u>LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION</u>

#### Representative

Name:

Shon Mckinnon

Address:

Route #3 Box 3630

Myton, UT 84052

Telephone:

(435) 646-3721

#### Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #7-9-9-16 SW/NE Section 9, Township 9S, Range 16E: Lease UTU-65207 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Date

Mandie Crozier Regulatory Specialist

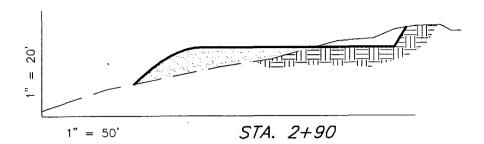
Newfield Production Company

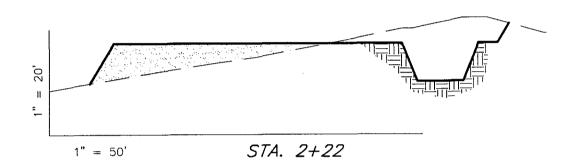
#### NEWFIELD PRODUCTION COMPANY SOUTH WELL DRAW 7-9-9-16 Section 9, T9S, R16E, S.L.B.&M. TOPSOIL F/8.8 **STOCKPILE** (4) C/3.7 2 STA. 2+90 ROUND CORNER TO PIT TOPSOIL 50, Toe of . AVOID EXCESS FILL STOCKPILE Fill Slope C/3.0 50 STA. 2+22 BENCH 2' Berm Around Fill Portion of Location RESERVE C/3.2 PIT (8' Deep, 29' (5) Top of F/3.7<sub>(1)</sub> 120' Cut Slope STA, 1+60 C/9.3 (D)C/5.2 WELL HEAD: UNGRADED = 5794.8' FIN. GRADE = 5791.6' **EXCESS** MATERIAL 90, Existing Rood PROPOSED ACCESS ROAD (Max. 6% Grade) C/3.6 REFERENCE POINTS 180' NORTHWESTERLY = 5792.1'230' NORTHWESTERLY = 5792.0' 170' SOUTHWESTERLY = 5785.1' 220' SOUTHWESTERLY = 5787.6' (435) 781-2501 Tri State Land Surveying, Inc. 180 NORTH VERNAL AVE. VERNAL, UTAH B4078 1" = 50' SCALE: C.M. SURVEYED BY: 9-12-05 F. T.M. DATE: DRAWN BY:

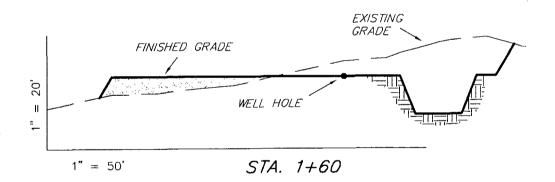
# NEWFIELD PRODUCTION COMPANY

## CROSS SECTIONS

#### SOUTH WELL DRAW 7-9-9-16









1" = 50'

STA. 0+00

ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)

(Expressed in Cubic Yards)

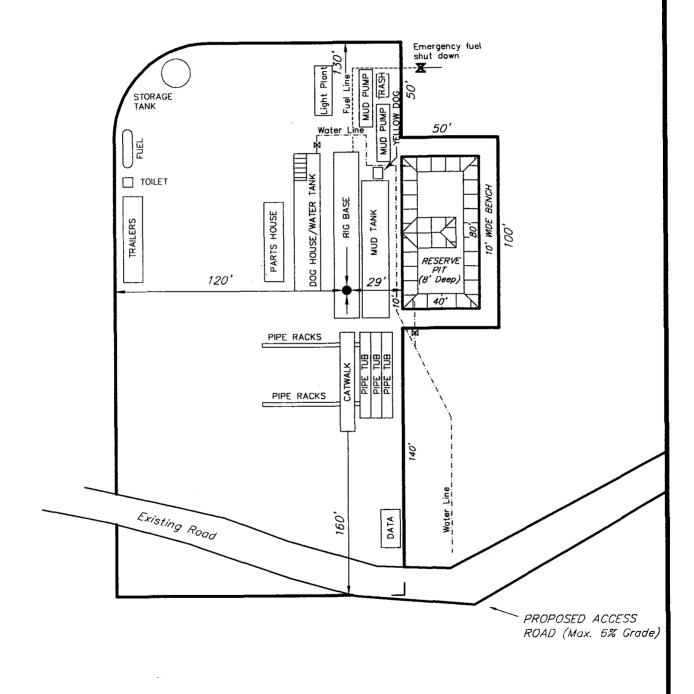
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	2,880	2,880	Topsoil is not included	0
PIT	640	0	in Pad Cut	640
TOTALS	3,520	2,880	1,010	640

NOTE: UNLESS OTHERWISE NOTED ALL CUT/FILL SLOPES ARE AT 1.5:1

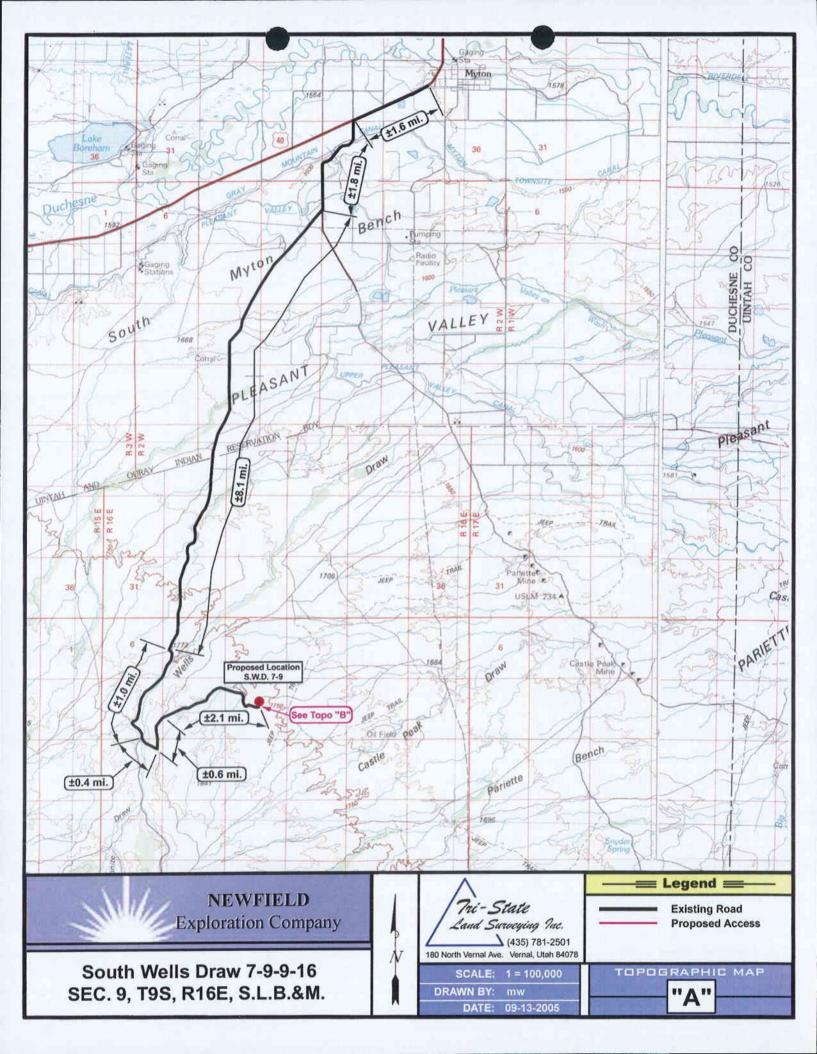
SURVEYED BY:	C.M.	SCALE:	1" = 50'
DRAWN BY:	F. T.M.	DATE:	9-12-05

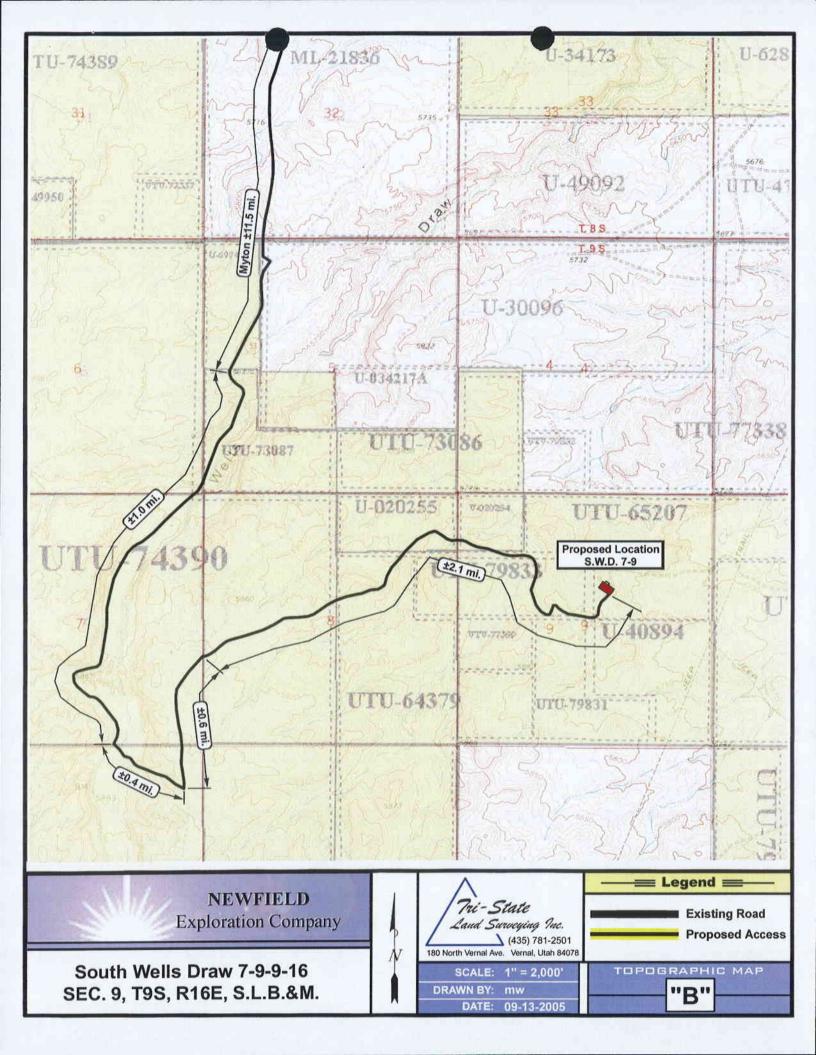
/Tri~State (435) 781-2501 /Land~Surveying,~Inc.180 NORTH VERNAL AVE. VERNAL. UTAH 84078

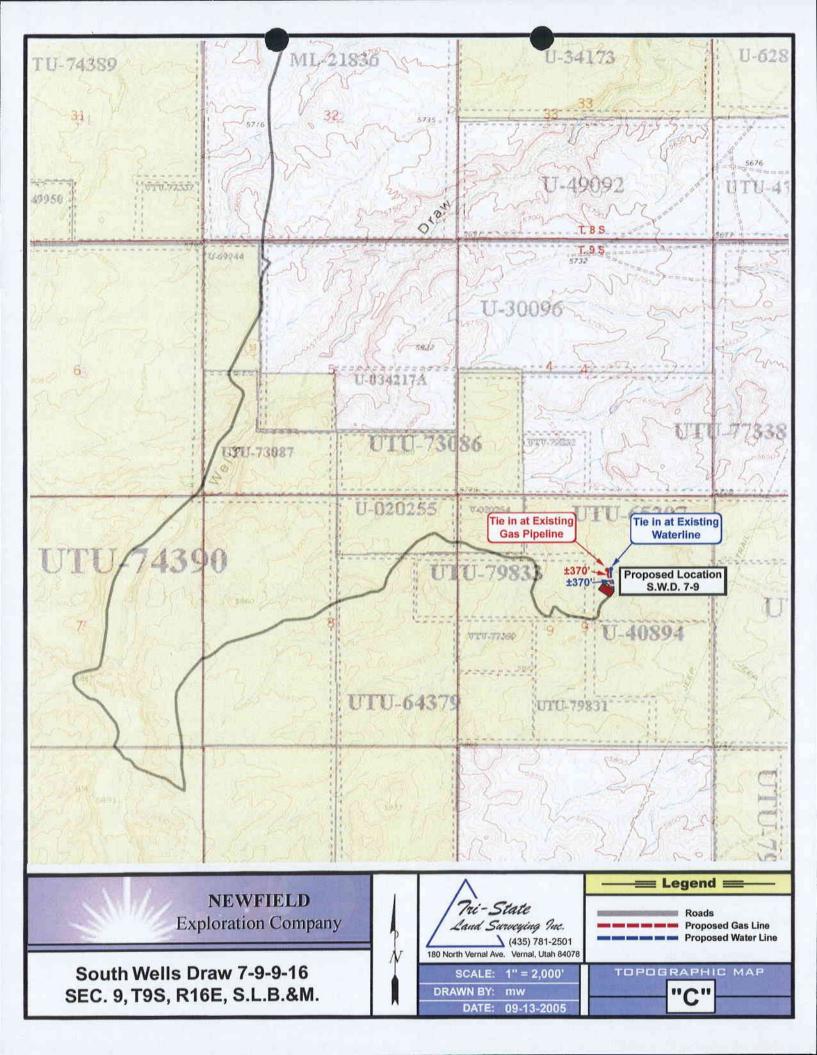
# NEWFIELD PRODUCTION COMPANY TYPICAL RIG LAYOUT SOUTH WELL DRAW 7-9-9-16

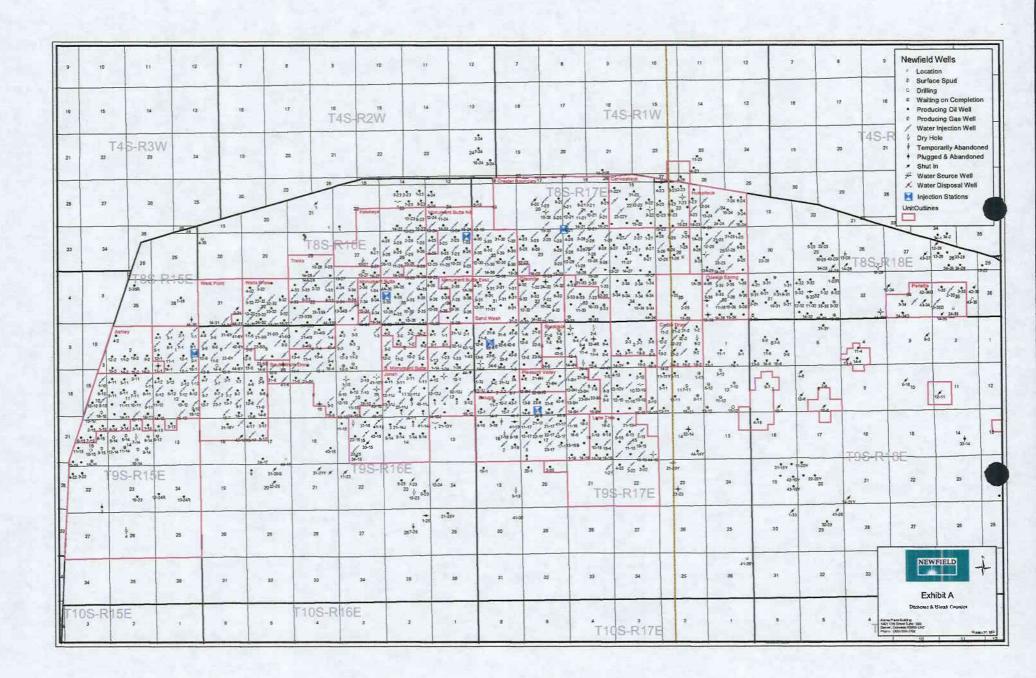


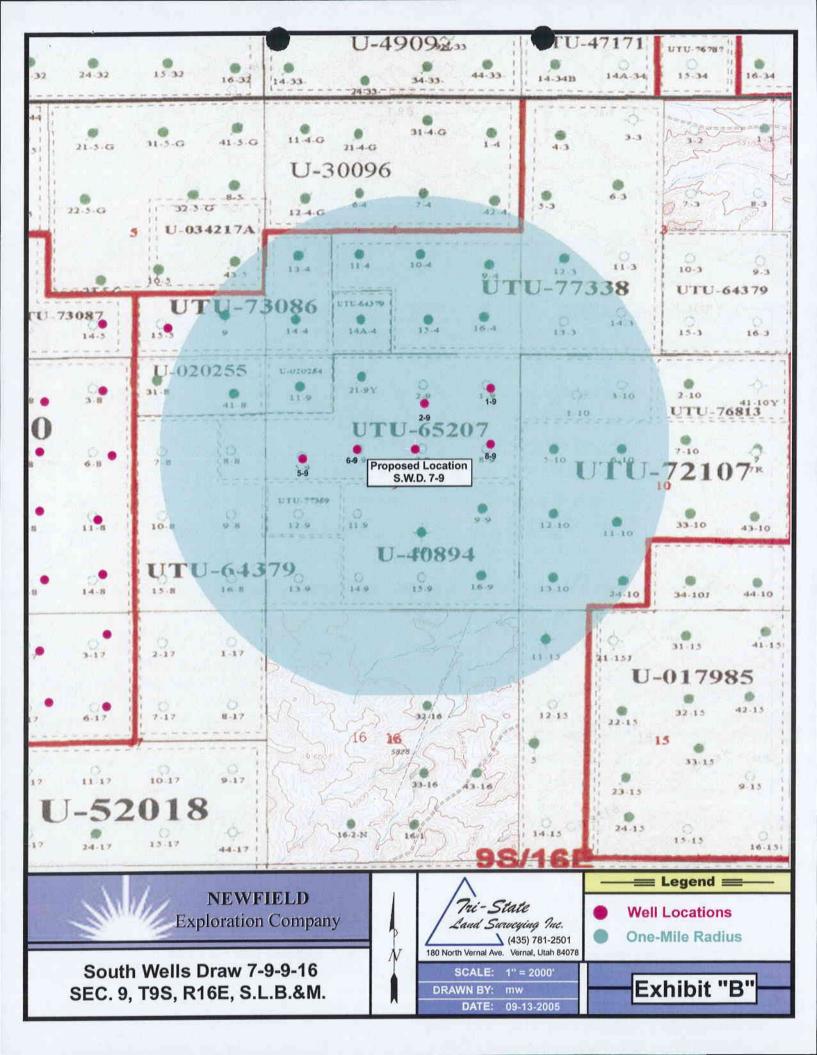
SURVEYED BY:	C.M.	SCALE:	1" = 50'	Tri State	(435) 781-2501
DRAWN BY:	F. T.M.	DATE:	9-12-05	/ Land Surveying, II	<i>ПС.</i> L. UTAH 84078





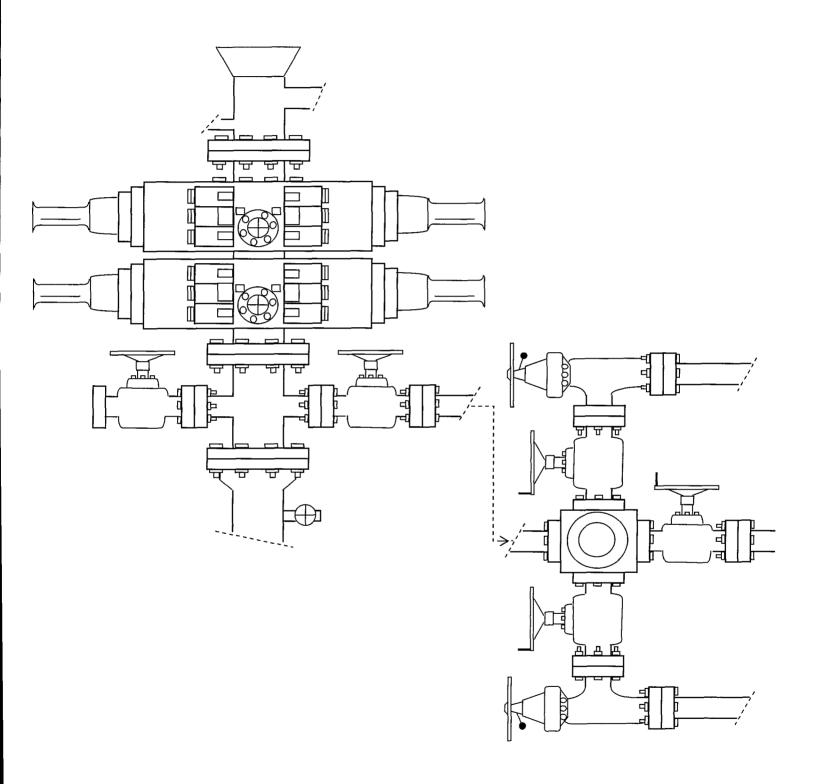






2-M SYSTEM

Blowout Prevention Equipment Systems



**EXHIBIT C** 

Exhibit "D" Pagelof a

# CULTURAL RESOURCE EVALUATION OF VARIOUS LARGE TRACTS IN THE WELLS DRAW TO PARIETTE BENCH LOCALITY IN DUCHESNE & UINTAH COUNTIES, UTAH

Report Prepared for Inland Resources, Inc.

Department of Interior Permit No.: UT-98-54937

Utah State Project No.: UT-98-AF-0164bs

**AERC Project 1598 (IPC98-4)** 

Author of the Report: F. Richard Hauck, Ph.D.



# ARCHEOLOGICAL-ENVIRONMENTAL RESEARCH CORPORATION

181 North 200 West, Suite 5 -- Bountiful, Utah 84010

P.O. Box 853, Bountiful, Utah 84011

Phone: (801) 292-7061, 292-9668

FAX: (801) 292-0614

E-mail: ari@xmission.com Web page: www.ari-aerc.org

July 21, 1998

#### NEWFIELD PRODUCTION COMPANY

# PALEONTOLOGICAL FIELD SURVEY OF PROPOSED PRODUCTION DEVELOPMENT AREAS, DUCHESNE COUNTY, UTAH

Section 22, T 9 S, R 17 E [entire section excluding the NW 1/4, NE 1/4; NE 1/4 and NW 1/4, NW 1/4]; NE 1/4, Section 9, T 9 S, R 16 E; NE 1/4, NE 1/4, Section 10, T 9 S, R 17 E

#### REPORT OF SURVEY

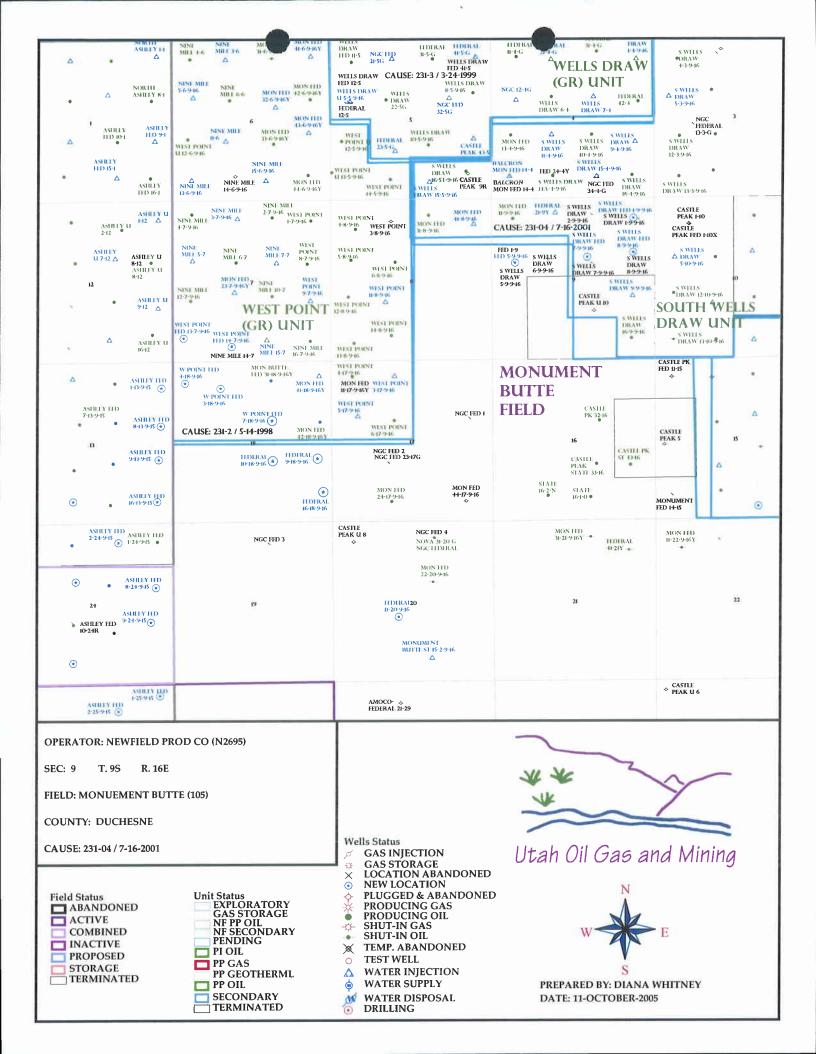
Prepared for:

**Newfield Production Company** 

Prepared by:

Wade E. Miller Consulting Paleontologist June 29, 2005

APD RECEIVED: 10/05/2005	API NO. ASSIGNE	D: 43-013-3291	.7
WELL NAME: S WELLS DRAW FED 7-9-9-16  OPERATOR: NEWFIELD PRODUCTION ( N2695 )  CONTACT: MANDIE CROZIER  PROPOSED LOCATION:	PHONE NUMBER: 43	5-646-3721	
SWNE 09 090S 160E	INSPECT LOCATN	BY: / /	
SURFACE: 1919 FNL 2177 FEL	Tech Review	Initials	Date
BOTTOM: 1919 FNL 2177 FEL  DUCHESNE	Engineering		
MONUMENT BUTTE ( 105 )	Geology		
LEASE TYPE: 1 - Federal	Surface		
LEASE NUMBER: UTU-65207  SURFACE OWNER: 1 - Federal  PROPOSED FORMATION: GRRV  COALBED METHANE WELL? NO	LATITUDE: 40.04 LONGITUDE: -110.		
Plat  Plat  Bond: Fed[1] Ind[] Sta[] Fee[]  (No. UT0056  Potash (Y/N)  Oil Shale 190-5 (B) or 190-3 or 190-13  Water Permit  (No. MUNICIPAL )  RDCC Review (Y/N)  (Date: )  NM Fee Surf Agreement (Y/N)  Intent to Commingle (Y/N)	Drilling Unit  Board Cause  Eff Date:  Siting:	ORAW (GR) eneral om Qtr/Qtr & 920' 1	4 Siting
Sof, Separations: Stipulations: Ledera Approva			



### **United States Department of the Interior**

# BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

October 13, 2005

#### Memorandum

To:

Assistant District Manager Minerals, Vernal District

From:

Michael Coulthard, Petroleum Engineer

Subject:

2005 Plan of Development South Wells Draw Unit, Duchesne County,

Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2005 within the South Wells Draw Unit, Duchesne County, Utah.

API#

WELL NAME

LOCATION

(Proposed PZ Green River)

43-013-32915 S Wells Draw Fed 1-9-9-16 Sec 9 T09S R16E 0654 FNL 0659 FEL 43-013-32917 S Wells Draw Fed 7-9-9-16 Sec 9 T09S R16E 1919 FNL 2177 FEL 43-013-32918 S Wells Draw Fed 8-9-9-16 Sec 9 T09S R16E 1773 FNL 0666 FEL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc:

File – South Wells Draw Unit Division of Oil Gas and Mining

Central Files Agr. Sec. Chron Fluid Chron



Department of Natural Resources

> MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR. Governor

GARY R. HERBERT Lieutenant Governor

October 18, 2005

Newfield Production Company Rt. #3, Box 3630 Myton, UT 84052

Re:

South Wells Draw Federal 7-9-9-16 Well, 1919' FNL, 2177' FEL, SW NE,

Sec. 9, T. 9 South, R. 16 East, Duchesne County, Utah

#### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32917.

Sincerely,

Gil Hunt

Associate Director

pab Enclosures

cc:

**Duchesne County Assessor** 

Bureau of Land Management, Vernal District Office

Operator:	Newfie	ld Production Company		
Well Name & Number	South Wells Draw Federal 7-9-9-16			
API Number:	43-013	-32917		
Lease:	UTU-6	5207		
Location: SW NE	Sec9_	T. 9 South	<b>R.</b> 16 East	

#### **Conditions of Approval**

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### 2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dan Jarvis at (801) 538-5338

#### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

FORM 3160-5 (June 1990)

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED

Bu	dget	Burea	u No.	1004-0	13
_				1000	

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

Expires: March 31, 1993 Lease Designation and Serial No.

SUNDRY NOTICES	AND	REPORTS	ON	WELLS
----------------	-----	---------	----	-------

SUNDRY NOTICES AND	REPORTS ON WELLS	010-03207
Do not use this form for proposals to drill or to deep Use "APPLICATION FO	6. If Indian, Allottee or Tribe Name NA	
	TRIPLICATE	7. If Unit or CA, Agreement Designation SOUTH WELLS DRAW
1. Type of Well  X Oil Gas Well Other		8. Well Name and No.  S WELLS DRAW FED. 7-9-9-16  9. API Well No.  43-013-32917
2. Name of Operator NEWFIELD PRODUCTION COMPANY  3. Address and Telephone No. Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721		10. Field and Pool, or Exploratory Area  MONUMENT BUTTE  11. County or Parish, State
4. Location of Well (Footage, Sec., T., R., m., or Survey Description)  1919 FNL 2177 FEL SW/NE Section		DUCHESNE COUNTY, UT.
CHECK APPROPRIATE BOX(s)	TO INDICATE NATURE OF NOTICE, REPO	ORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE C	OF ACTION
X Notice of Intent Subsequent Report Final Abandonment Notice	Abandonment Recompletion Plugging Back Casing Repair Altering Casing X Other Permit Extension	Change of Plans New Construction Non-Routine Fracturing Water Shut-Off Conversion to Injection Dispose Water

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is direction ally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 10/18/05 (expiration 10/18/06).

This APD has not been approved yet by the BLM.

Approved by the Utah Division of Oil, Gas and Mining

JUST SENT TO OPERATOR cie: 14. I hereby certify that 9/29/2006 Date Regulatory Specialist Title Signed Mandie Crozier CC: UTAH DOGM (This space for Federal or State office use) Date Title Approved by Conditions of approval, if any: CC: Utah DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department of agency of the United States any false, fictitious



# Application for Permit to Drill Request for Permit Extension Validation

(this form should accompany the Sundry Notice requesting permit extension)

API:	43-013-32917 South Wells Draw I	Fodoral 7-0-0-16	
Well Name: Location:	SW/NE Section 9, T		
Company Per		Newfield Production Company	
Date Original	Permit Issued:	10/18/2005	
above, hereby	verifies that the	h legal rights to drill on the property as permitted information as submitted in the previously emains valid and does not require revision.	
Following is a verified.	checklist of some	e items related to the application, which should b	<u>e</u>
	rivate land, has t en updated? Yes	the ownership changed, if so, has the surface ${ m s}\square { m No}\square \bigcap \!$	
Have any well the spacing or	s been drilled in siting requireme	the vicinity of the proposed well which would affeents for this location? Yes□No☑	ct
Has there bee	n any unit or othoperation of this p	ner agreements put in place that could affect the proposed well? Yes□ No ☑	
Have there be of-way, which	en any changes could affect the	to the access route including ownership, or right- proposed location? Yes□No ☑	•
Has the appro	oved source of wa	ater for drilling changed? Yes□No☑	
Have there be which will requestion? Y	uire a change in p	changes to the surface location or access route plans from what was discussed at the onsite	
Is bonding stil	I in place, which	covers this proposed well? Yes ☑ No ☐	
M	La Crossi	9/29/2006	
Signature Signature	of Congression	Date	
Title: Regulato	ory Specialist		
Representing	Newfield Product		
		RECEIVED	
		OCT 0 3 2006	

DIV. OF OIL, GAS & MINING

# RECEIVED

OCT 0 5 2005 FORM APPROVED Form 3160-3 OMB No. 1004-0136 Expires January 31, 2004 (September 2001) UNITED STATES Lease Serial No. DEPARTMENT OF THE INTERIOR VERNAL, UTAH UTU-65207 If Indian, Allottee or Tribe Name APPLICATION FOR PERMIT TO DRILL OR REENTER 7. If Unit or CA Agreement, Name and No. la. Type of Work: DRILL REENTER South Wells Draw 8. Lease Name and Well No. 🗵 Single Zone 🔲 Multiple Zone 🖪 Oil Well 🔲 Gas Well 🔲 Other 1b. Type of Well: South Wells Draw Federal 7-9-9-16 Name of Operator 9. API Well No **Newfield Production Company** 3a. Address 3b. Phone No. (include area code) (435) 646-3721 Monument Butte Route #3 Box 3630, Myton UT 84052 11. Sec., T., R., M., or Blk. and Survey or Area Location of Well (Report location clearly and in accordance with any State requirements.\*) At surface SW/NE 1919' FNL 2177' FEL SW/NE Sec. 9, T9S R16E At proposed prod. zone 12. County or Parish 13. State 14. Distance in miles and direction from nearest town or post office\* Duchesne UT Approximatley 15.6 miles southwest of Myton, Utah 16. No. of Acres in lease 17. Spacing Unit dedicated to this well 15. Distance from proposed\* location to nearest property or lease line, ft. 40 Acres Approx. 463' f/lse. 463' f/unit (Also to nearest drig. unit line, if any) 280.00 20. BLM/BIA Bond No. on file 19. Proposed Depth 18. Distance from proposed location\* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1657' UT0056 6210' 22. Approximate date work will start\* 23. Estimated duration Elevations (Show whether DF, KDB, RT, GL, etc.) 1st Quarter 2006 Approximately seven (7) days from spud to rig release 5795' GL 24. Attachments The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form: Bond to cover the operations unless covered by an existing bond on file (see 1. Well plat certified by a registered surveyor. Item 20 above). 2. A Drilling Plan. Operator certification A Surface Use Plan (if the location is on National Forest System Lands, the Such other site specific information and/or plans as may be required by the SUPO shall be filed with the appropriate Forest Service Office). authorized officer. 25. Signatur Name (Printed/Typed) Mandie Crozier Title Regulatory Specialist Approved by (Signature) Name (Printed/Typed) Jerry Office Title ands & Mineral Resources

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct

Conditions of approval, if any, are attached

operations thereon.

\*(Instructions on reverse)

States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

APR 2 2007

DIV. OF OIL, GAS & MINING

UDOGM

CONDITIONS OF APPROVAL ATTACHED 07BM4643A



# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE

VERNAL FIELD OFFICE VERNAL, UT 84078

(435) 781-4400



#### CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company

170 South 500 East

Location: Lease No: SWNE, Sec. 9, T9S, R16E

Well No:

South Wells Draw Federal 7-9-9-16

ase No: UTU-65207

Fax: 435-781-4410

South Wells Draw Unit

API No: 43-013-32917

Agreement:

Office Phone Number **Cell Phone Number** Title Name 435-781-4490 435-828-4470 Matt Baker Petroleum Engineer: 435-781-4432 435-828-7875 Petroleum Engineer: Michael Lee Petroleum Engineer: James Ashlev 435-781-4470 435-828-7874 Petroleum Engineer: Ryan Angus 435-781-4430 435-828-7368 Jamie Sparger 435-781-4502 435-828-3913 Supervisory Petroleum Technician: 435-828-4029 Paul Buhler 435-781-4475 NRS/Enviro Scientist: Karl Wright 435-781-4484 NRS/Enviro Scientist: Holly Villa 435-781-4404 NRS/Enviro Scientist: Melissa Hawk 435-781-4476 435-828-7381 NRS/Enviro Scientist: 435-781-4441 Chuck MacDonald NRS/Enviro Scientist: 435-781-3400 Jannice Cutler NRS/Enviro Scientist: Michael Cutler 435-781-3401 NRS/Enviro Scientist: Anna Figueroa 435-781-3407 NRS/Enviro Scientist: 435-781-3402 Verlyn Pindell NRS/Enviro Scientist: Darren Williams 435-781-4447 NRS/Enviro Scientist: 435-781-3405 Nathan Packer NRS/Enviro Scientist:

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.

#### **NOTIFICATION REQUIREMENTS**

Location Construction (Notify NRS/Enviro Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify NRS/Enviro Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supervisory Petroleum Technician)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings
BOP & Related Equipment Tests (Notify Supervisory Petroleum Technician)	-	Twenty-Four (24) hours prior to initiating pressure tests
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days

# SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

#### **General Surface COAs**

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer AO. A report will be prepared by a BLM permitted paleontologist and submitted to the AO at the completion of surface disturbing activities.

#### **Specific Surface COAs**

- Lands in this lease have been identified as containing Golden eagle habitat. Modifications to
  the Surface Use Plan of Operations may be required in order to protect the Golden eagle and/or
  habitat from surface disturbing activities in accordance with Section 6 of the lease terms,
  Endangered Species Act, and 43 CFR 3101.1-2.
- All applicable local, state, and/or federal laws, regulations, and/or statutes will be complied with.
- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel
  will not be allowed.
- No vehicle travel, construction or routine maintenance activities shall be performed during
  periods when the soil is too wet to adequately support vehicles and/or construction equipment.
  If such equipment creates ruts in excess of three inches deep, the soil shall be deemed too wet
  to adequately support construction equipment.
- The access road will be crowned and ditched. Flat-bladed roads are not allowed.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- The reserve pit will be lined with a 12 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.

- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
- The interim seed mix for this location shall be:

Crested Wheat grass (Agropyron cristatum) 4 lbs/acre
Needle and Thread grass (Stipa comata): 4 lbs/acre
Scarlet Globemallow (Sphaeralcea coccinea): 3 lbs/acre
Fringed Sagebrush (Artemisia frigida) 1 lb/acre

- All pounds are in pure live seed.
- Rates are set for drill seeding; double the rate if broadcasting.
- Reseeding may be required if initial seeding is not successful.
- The operator will be responsible for treatment and control of invasive and noxious weeds.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural topology, topsoil shall be respread, and the entire location shall be seeded with a seed mix recommended by the AO (preferably of native origin). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding should take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.
- The authorized officer may prohibit surface disturbing activities during severe winter conditions
  to minimize watershed damage. This limitation does not apply to operation and maintenance of
  producing wells.
- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.

#### DOWNHOLE CONDITIONS OF APPROVAL

#### SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

None

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

#### DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment BOPE shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the
  daily drilling report. Components shall be operated and tested as required by Onshore Oil &
  Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be
  performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test shall be
  reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water
  is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM
  Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources such as Gilsonite, tar sands, oil shale, trona, etc. to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth from KB or GL of encounter, vertical footage of the encounter and, the name of the person making the report along with a telephone number should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.

- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a
  weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is
  completed.
- A cement bond log CBL will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

#### **OPERATING REQUIREMENT REMINDERS:**

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" Oil and Gas Operations Report OGOR starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 303 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be
  notified when it is placed in a producing status. Such notification will be by written
  communication and must be received in this office by not later than the fifth business day
  following the date on which the well is placed on production. The notification shall provide, as a
  minimum, the following informational items:
  - o Operator name, address, and telephone number.
  - Well name and number.
  - Well location ¼¼, Sec., Twn, Rng, and P.M..
  - Date well was placed in a producing status date of first production for which royalty will be paid.
  - o The nature of the well's production, i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons.
  - o The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - o Unit agreement and/or participating area name and number, if applicable.
  - o Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees NTL 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events fires, accidents, blowouts, spills, discharges as specified in NTL 3A will
  be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be
  reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major
  Events" will be reported in writing within 15 days. "Minor Events" will be reported on the
  Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" BLM Form 3160-4 shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data

obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples cuttings, fluid, and/or gas shall be submitted only when requested by the BLM. Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field
  Office Petroleum Engineers will be provided with a date and time for the initial meter calibration
  and all future meter proving schedules. A copy of the meter calibration reports shall be
  submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API
  standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All
  measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted
  to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs
  first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be
  adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively
  sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
  equipment shall be removed from a well to be placed in a suspended status without prior
  approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30
  days, prior approval of the BLM Vernal Field Office shall be obtained and notification given
  before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office
  Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in
  order that a representative may witness plugging operations. If a well is suspended or
  abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent
  Report of Abandonment" Form BLM 3160-5 must be submitted within 30 days after the actual
  plugging of the well bore, showing location of plugs, amount of cement in each, and amount of
  casing left in hole, and the current status of the surface restoration.

## **DIVISION OF OIL, GAS AND MINING**

#### **SPUDDING INFORMATION**

Name of Company:	NEWFI	ELD PRODUC	LD PRODUCTION COMPANY					
Well Name:	S WEL	LS DRAW FED	7-9-9	)-16				
Api No: 43-0	)13-32917	Lease Typ	e:	FEDERAL	<del></del>			
Section 09 Tow	nship 098 Range_	16E County	D	UCHESNE	···			
Drilling Contractor	NDSI	R	IG#_	NS#1	<u> </u>			
SPUDDED:								
Date _	05/03/07	<del></del>						
Time	8:30 AM							
How	DRY							
Drilling will Co	mmence:							
Reported by	JIM							
Telephone #	(435) 823-	2072		<u> </u>	- 4.			
Date 05/03	/07	Signed	CHD		·			

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM -FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
NIYTON, UT 24062

OPERATOR ACCT. NO.	N2695
--------------------	-------

				VELL KAVE	WELL LOCATION				SPUO	EFFECTIVE	
TIGN	CURRENT	NEW	AA XUMBER	WELL WAVE	00	SC.	TP	RG	COUNTY	DATE	DATE
)(DE	99999 99999	13269	4301332917	S WELLS DRW 7-9-9-16	SWNE	9	98	16E	DUCHESNE	5/3/2007	5/10/0
В			4001002011								
LL 100	MAKENTS: G	PPI/				1				_	
	Oic	400				•					
		NEW	APINUMBER	WELL HAVE	1		ELL LOCA			SPUD	EFFECTIVE DATE
HOIT	CURRENT ENTITY NO.	ENTITY NO.	~100=~		99	SC	TP	RG	COUNTY	OATE	
A	99999	16094	4301333102	FEDERAL 12-19-9-16	NWSW	19	95	16E	DUCHESNE	5/5/2007	5/10/0
A L	33333	10011	1001000.02								
	GRA	21/									
	GM	50									
				WELLHAME			WELL	LOCATION		SPUD	EFFECTIVE
CTION	CURRENT	NEW ENTITY NO.	API NUMBER	WIELL PAGE	aa	sc	पष्ट	RG	COUNTY	DATE	<del></del>
300	EXITITY NO.	ENIIIT NO.					1				
					İ	ı		ļ			
L			J								
						WELLLOCATION		SPUD	SFECTIVE		
CTION	CLIRRENT	NEW	API HUMBER	WELLNAME	GQ	T sc		RG	CCUNTY	DATE	DATE
CODE	ENTITY NO.	ENTITY NO.					1	1			İ
•					1			_		· · · · · · · · · · · · · · · · · · ·	
						•					
			T 400.000	VEIL NAME	1	WELLOCATION		SPUO	EFFECTIVE DATE		
ACTION	CURRENT	ENTITY NO.	API NUMBER	700.00	00	5C	ΤP	RG	COLINEY	DATE	DATE
CODE	ENTITY NO.	EATHER MADE	<del>                                     </del>					1			
		ļ							<u> </u>	<u> </u>	
	L										
WELLS	COMMENTS:										
	•		ADVANTABLE OF	WELL NAME	<del></del>		WE	L LOCATIO		5PV0	
ACTION	CURRENT ENTITY NO.	NEW NEW	API NUMBER	WELL KAME	QQ.	- ×				SPVO OATE	EFFECTIVE OATE

ACTION GODES (See Instructions on back of form)

WELL 5 COMMENTS:

- A I new entity for new well (single-well only)
- B 'self to existing entity (group or unit well).
- C Your one existing entity to arether wisting orbity
- D well from one entering entity to a new entity
- E Per (applain in comments section)

RECEIVED

MAY 1 0 2007

Jentri Park Signature

Production Clerk April 18, 2007
Date

FORM 3160-5 (September 2001)

# UNITED STATES DEPARTMENT OF THE INTERIOR

RECEIVE

FORM APPROVED OMB No. 1004-0135 Expires January 31,2004

MAY 1 5 2007

SUNDRY	Y NOTICES AND REPOR	RTS ON WELLS		<ol> <li>Lease Serial N USA UTU-6520</li> </ol>	07	
Do not use t abandoned w	this form for proposals to rell. Use Form 3160-3 (API	drill or to re-enter an D) for such proposals	OIL, GAS & M	o Ir Indian, Allot	tee or Tribe Name.	
	e de la companya del companya de la companya del companya de la co		v .	7. If Unit or CA//	Agreement, Name and/or	
				S WELLS DRA	_	
1. Type of Well  ☐ Gas Well ☐ Gas Well	Other				<del> </del>	
2. Name of Operator	_ Oulei			8. Well Name and SOUTH WEL	1 No. LLS DRAW 7-9-9-16	
NEWFIELD PRODUCTION CO	OMPANY			9. API Well No.	.20 2141	
3a. Address Route 3 Box 3630		3b. Phone (include are	code)	4301332917		
Myton, UT 84052		435.646.3721		10. Field and Pool	l, or Exploratory Area	
, 0.	Sec., T., R., M., or Survey Descript	ion)		MONUMENT BUTTE		
1919 FNL 2177 FEL				11. County or Pari	ish, State	
SWNE Section 9 T9S R16E		una)		, UT		
12. CHECK	X APPROPRIATE BOX(ES	) TO INIDICATE NA	TURE OF NO	OTICE, OR OT	HER DATA	
TYPE OF SUBMISSION		TYPI	OF ACTION			
☐ Notice of Intent	Acidize	Deepen T	=	n(Start/Resume)	☐ Water Shut-Off	
☑ Subsequent Report	☐ Alter Casing ☐ Casing Repair	Fracture Treat  New Construction	Reclamation Recomplet		Well Integrity  Other	
☐ Final Abandonment	Change Plans	Plug & Abandon	Temporari	ly Abandon	Spud Notice	
- Final Abandonment	Convert to	Plug Back	Water Disp	posal		
proposal is to deepen directionally on Bond under which the work will be of the involved operations. If the op	peration (clearly state all pertinent detail or recomplete horizontally, give subsurfate performed or provide the Bond No. on for peration results in a multiple completion of filed only after all requirements, including	nce locations and measured and file with BLM/BIA. Required so or recompletion in a new interv	true vertical depths o ubsequent reports sh al, a Form 3160-4 sl	of all pertinent marke tall be filed within 30 hall be filed once test	ors and zones. Attach the days following completion ing has been completed.	
On 5/03/07 MIRU NDSI N	NS # 1. Spud well @ 8:30 an M4/07 cement with 160 sks of bls cement to pit. WOC.					

I hereby certify that the foregoing is true and correct (Printed/ Typed)	Title							
Jim Smith	Drilling Foreman							
Signature	Date							
	05/07/2007							
Approved by	Title Date							
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office							

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

#### **NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT**

LAST CASII	NG <u>8 5/8"</u>	set_@	314.21		OPERATOR	₹ .	Newfield F	Production C	ompany
DATUM	12' KB				WELL	SWD	Federal	7-9-9-16	
DATUM TO	CUT OFF C	ASING _			FIELD/PRO	SPECT _	Monument	t Butte	
DATUM TO	BRADENHE	AD FLANGE			CONTRACT	OR & RIG#		NDSI NS # 1	· · · · · · · · · · · · · · · · · · ·
TD DRILLER	320'	LOGG	ER						
HOLE SIZE	12 1/4			<u></u>			• .		
OG OF CA	SING STRIN	ıg:							
PIECES	OD	ITEM -	MAKE - DESCI	RIPTION	WT/FT	GRD	THREAD	CONDT	LENGTH
		<u> </u>							
		Shoe	Joint 42.34'						
		WHI - 92 cs	g head				8rd	Α	0.95
7	8 5/8"	Maverick ST	&C csg		24#	J-55	8rd	Α	302.36
		<u></u>	GUIDE	shoe			8rd	Α	0.9
CASING INV	ENTORY B	AL.	FEET	JTS	TOTAL LEN	304.21			
TOTAL LEN	GTH OF ST	RING	304.21	7	LESS CUT OFF PIECE				
ESS NON (	CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG				
LUS FULL	JTS. LEFT (	DUT	0		CASING SET DEPTH 314				
	TOTAL		302.36	7	<b>√</b> 1				
OTAL CSG	. DEL. (W/O	THRDS)	302.36	7	∫ COMPAR	RE			
IMING			1ST STAGE		-		•		
EGIN RUN	CSG.	Spud	4/28/2007	8:00 AM	GOOD CIRC THRU JOB YES				
SG. IN HO	LE		4/28/2007	9:00 AM	Bbls CMT CIRC TO SURFACE 6				
EGIN CIRC			5/4/2007	2:19 PM	RECIPROCA	ATED PIPE F	OR		<u> </u>
EGIN PUM	P CMT		5/4/2007	2:35 PM			_		
EGIN DSPL	CMT		5/4/2007	2:48 PM	BUMPED PLUG TO 160 PSI				
LUG DOW	٧		5/4/2007	2:54 PM					
EMENT US	ED			CEMENT CO	MPANY-	B. J.	<del></del>		
TAGE	# SX				PE & ADDITIV				
1 160 Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-F					lake mixed @	15.8 ppg 1.	17 cf/sk yield		
		·					· · · · · · · · · · · · · · · · · · ·		
ENTRALIZI	ER & SCRAT	CHER PLAC	EMENT	<u> </u>		SHOW MAK	E & SPACIN	G	
			nd & third for	3					

COMPANY REPRESENTATIVE Jim Smith

DATE \_\_\_\_\_\_5/4/2007

FORM 3160-5 (September 2001)

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OMB No. 1004-0135 Expires January 31,2004

5. Lease Serial No.

Do not use this form for proposals to drill or to re-enter an abandonad well. Use Form 3160-3 (APD) for such proposals.    I Tindian, Allottee or Tribe Name.	SUNDRY	USA UTU-	USA UTU-65207						
L. Type of Well    South Well   Gas Well   Other		6. If Indian, A	6. If Indian, Allottee or Tribe Name.						
1. Type of Well	Registration repr	Report Spirit Chief and	referrer person	geraniya eksi	7. If Unit or C	A/Agreer	nent, Name and/or		
S. Well Nome and No.	A CAN II	and the second second second second second second second second second second second second second second second	in a second of the second of t	and the	S WELLS I	DRAW U	NIT		
2 Name of Operator NEWFELD PRODUCTION COMPANY 3a. Address Route 3 Box 3-500 Methods 10 as 3-500 Methods 10		Other			8. Well Name	and No.			
3a. Address Route 3 Box 5300   3b. Phone (include are code)   4301332917     Morion, UT 84052   4. Location of Well (Footage, Sec., T. R. M., or Survey Descriptions)   435 646 3721     1919 FNL 2177 FEE   11. County or Parish, State   12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA     TYPE OF SUBMISSION   TYPE OF ACTION   Water Shut-Off     Notice of Intent   Acidize   Deepen   Production(Start/Resume)   Water Shut-Off     Subsequent Report   Casing Repair   New Construction   Recomplete   Well Integrity     Subsequent Report   Casing Repair   New Construction   Recomplete   Well Integrity     Subsequent Report   Casing Repair   New Construction   Weekly Status Report     Final Abandonment   Weekly Status Report   Plug & Abandon   Temporarily Abandon   Weekly Status Report     13. Despote Proposel or Conjected Operation (Idealy, sate all pertinent district, is clading entirent starting date of the proposel well and the which the work will be performed or provide the Boad to not file without the state of the provide of the involved operations. If the proposel is the state is constructed in the state of the involved operations. If the operation results is a malified completion are overable abasequent reports shall be filled only after all requirements, including reclamation, have been completed. Final Abandonment Notices shall be filled only after all requirements, including reclamation, have been completed. Final Abandonment Notices shall be filled only after all requirements in the state of the provide of the involved persistent in the state of the provide of the state of the provide of the state of					SOUTH W	ELLS I	DRAW 7-9-9-16		
Al. Location of Well (Florange, Sec., T. R. M. or Survey Description)    1919 PNL 2177 FPL   SWNE Section 9 T9S R16E    12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA   TYPE OF SUBMISSION			Uh Dhama (inc		. •				
4. Location of Well (Foolage, Sec., T., R., M., or Survey Description)  1919 FNL 2177 FEL  11. Country or Parish, State  12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA  TYPE OF SUBMISSION  12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA  TYPE OF SUBMISSION  13. Describe Proposed or Completed Operation (clearly state all pertinent deaths, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to despen directionally or recomplete horizontally, give subsurface locations and measured and run evertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide to Bond vo. of the Well Buddin Required subsequent required subse		3	,	iuae are coae,			Exploratory Area		
12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA  TYPE OF SUBMISSION    Acidize		Sec., T., R., M., or Survey Description					•		
12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF ACTION    Notice of Intent	1919 FNL 2177 FEL				11. County or	Parish, S	tate		
TYPE OF SUBMISSION    Acidize	SWNE Section 9 T9S R16E				,UT				
Notice of Intent	12. CHECK	APPROPRIATE BOX(ES)	TO INIDICA	TE NATUF	RE OF NOTICE, OR	OTHE	RDATA		
Notice of Intent   Alter Casing   Fracture Treat   Reclamation   Well Integrity   Subsequent Report   Casing Repair   New Construction   Recomplete   Other   Weekly Status Report   Change Plans   Plug & Abandon   Temporarily Abandon   Weekly Status Report   Change Plans   Plug & Abandon   Temporarily Abandon   Weekly Status Report   Weekly Status Report   Status Report   Plug Back   Weekly Status Report   Weekly Status Report   Weekly Status Report   Status Report   Recomplete for any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and rue vertical depths of all pertinent markers and zones. Attach the standard of the involved operations. If the operation results in a multiple completion or recompletion in a new interval. Form 3160-4 hall be filled within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval. Form 3160-4 hall be filled within 30 days following completion or the involved operations. If the operation results in a multiple completion or recompletion in a new interval. Form 3160-4 hall be filled within 30 days following completion or the involved operations. If the operation results in a multiple completion or the involved operations. If the operation results in a multiple completion or the involved operations. If the operation results in a multiple completion or the involved operations. If the operation is the fill of the completion of the involved operations. If the operation results in a multiple completion or the involved operations. If the operation results in the fill of the fill of the property of the fill of the fill of the property of the fill of t	TYPE OF SUBMISSION			TYPE OF	ACTION				
Subsequent Report		☐ Acidize	Deepen		Production(Start/Resume	) 🔲	Water Shut-Off		
Final Abandonment	Notice of Intent	☐ Alter Casing	Fracture Treat	ā	Reclamation		Well Integrity		
Final Abandonment	Subsequent Report	Casing Repair	New Construc	tion 🔲	Recomplete	X			
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bood under which the work will be performed or provide the Bond No, on fills with BLMFIDI. Required measured means that the filled within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filled once testing has been completed. Final Abandonnent Notices shall be filled only after all requirements, including reclamation, have been completed, and the operator has determined that the site is tready for final inspection.)  On 5/18/07 MIRRU NDSI Rig # 1. Set all equipment. Pressure test Kelly, TIW, Choke manifold, a Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vermal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 265°. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6150°. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 139 jt's of 5.5 -55, 15.5# csgn. Set @ 6128° I/KB. Cement with 300 sks cement mixed @ 11.4 ppg & 3.43 yld. Then 450 sks cement mixed @ 14.9 gb. 1.24 yld. Returned 42 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 90,000 #'s tension. Release rig @ 8:00 PM on 5/23/07.  PECEIVED  MAY 3 0 2007  Dittile  Drilling Foreman  Signature  Date  Os/26/2007	Final Abandonment		<b>=</b> ~	on 🔲	•		Weekly Status Report		
proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work with the performed or provide the Bond No. on file with BLMBIA. Required absequent repaired abseq									
Drilling Foreman  Signature  Date 05/26/2007  Approved by.  Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease  Office	Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)  On 5/18/07 MIRU NDSI Rig # 1. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notifed of test. PU BHA and tag cement @ 265'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6150'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 139 jt's of 5.5 J-55, 15.5# csgn. Set @ 6128' / KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.43 yld. Then 450 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 42 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 90,000 #'s tension. Release rig @ 8:00 PM on 5/23/07.  RECEIVED  MAY 3 0 2007								
Signature  Date  05/26/2007  Approved by  Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease  Office		true and	Title						
Signature  (Institute)  (Instit		1							
Approved by . Title Date  Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease  Office									
Approved by . Title Date  Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease  Office	( lesten)	klem)	Name of the last o	0.000 0	7. K. B	eren rije je			
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease  Office		Section of the contraction of th					n si disime		
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease  Office	Approved by			Title		Date			
certify that the applicant holds legal or equitable title to those rights in the subject lease Office		ed. Approval of this notice does not warr	rant or						
which would endue the applicant to conduct operations dicteon.			lease	Office					

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United

States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

#### **NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT**

			5 1/2"	CASING SET	AT	6128.57	-		
					Fit clir @	6075'			
LAST CASI	NG <u>8 5/8</u>	' SET	AT 3 <u>14'</u>		OPERATOR	₹	Newfield I	Production	Company
DATUM _	12' KB				WELL	Federal 7-	9-9-16		
DATUM TO	CUT OFF C	ASING _	12'		FIELD/PRO	SPECT _	Monumen	t Butte	
DATUM TO	BRADENHI	EAD FLANGE			CONTRACT	FOR & RIG#		NDSI#1	
TD DRILLER	6150'	Loggers 61	51'			_			
HOLE SIZE	7 <u>7/8"</u>						-		]
LOG OF CA	SING STRII	NG:			<b></b>	<b></b>		· · · · · · · · · · · · · · · · · · ·	
PIECES	OD	ITEM -	MAKE - DESC	RIPTION	WT/FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt							14
		Short jt	4018.54' (5.90	)')					
138	5 1/2"	ETC LT & C	casing		15.5#	J-55	8rd	Α	6075.02
	ļ	Float collar							0.6
11	5 1/2"	ETC LT&C	csg		15.5#	J-55	8rd	Α	40.3
			GUIDE	shoe			8rd	Α	0.65
CASING IN	/ENTORY B	AL.	FEET	JTS	TOTAL LENGTH OF STRING 6				
TOTAL LEN	GTH OF ST	RING	6130.57	139	LESS CUT OFF PIECE				
LESS NON	CSG. ITEMS	<b>)</b>	15.25		PLUS DATUM TO T/CUT OFF CSG				
PLUS FULL	JTS. LEFT	DUT	345.8	8	CASING SET DEPTH 6128.5				
	TOTAL	·	6461.12	147	ן				
TOTAL CSG	DEL. (W/C	THRDS)	6461.12	147	COMPARE				
TIMING			1ST STAGE	2nd STAGE					
BEGIN RUN	CSG.		5/23/2007	8:00 AM	GOOD CIRC	THRU JOB		Yes	
CSG. IN HO	LE		5/23/2007	10:30 AM	Bbls CMT CI	RC TO SUR	FACE	42	
BEGIN CIRC	;		5/23/2007	10:30 AM	RECIPROCA	ATED PIPE F	OR	THRUSTRO	KE NA
BEGIN PUM	P CMT		5/23/2007	2:31 PM	DID BACK P	RES. VALVE	HOLD?	Yes	
BEGIN DSPI	CMT		5/23/2007	3:32 PM	BUMPED PL	.UG TO	2020		PSI
PLUG DOW	N		5/23/2007	4:00 PM					
CEMENT US	ED			CEMENT COM	IPANY-	B. J.		·····	
STAGE	# SX			CEMENT TYP	E & ADDITIV	'ES			
1	300	Premlite II w	/ 10% gel + 3 9	% KCL, 5#'s /sk	CSE + 2# sl	k/kolseal + 1/	2#'s/sk Cello	Flake	
		mixed @ 11	.0 ppg W / 3.43	cf/sk yield					
2	450	50/50 poz W	// 2% Gel + 3%	KCL, .5%EC1	1/4# sk C.F.	2% gel. 3% s	SM mixed @	14.4 ppg W/	1.24 YLD
CENTRALIZ	ER & SCRA	TCHER PLAC	CEMENT			SHOW MAK	E & SPACIN	IG	
Centralizers	Centralizers - Middle first, top second & third. Then every third collar for a total of 20.								
	<del></del>								
COMPANY F	REPRESENT	ATIVE	<u>Justin Crum</u>				DATE	5/23/2007	

FORM 3160-5 (September 2001)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires January 31,2004

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an

abandoned well. Her Form 3160-3 (APD) for such proposals

USA UTU-65207
6. If Indian, Allottee or Tribe Name.

5. Lease Serial No.

abandoned w	ell. Use Form 3160-3 (AF	PD) for such proposals.	0. N N	ididi, Anottee of Tribe Name.
M ROME IN T	profession of the second		7. If U	Init or CA/Agreement, Name and/or
. Type of Well	a de grande de la companya de la companya de la companya de la companya de la companya de la companya de la co	and the second s	s w	ELLS DRAW UNIT
Oil Well Gas Well	Other		8. Wel	Il Name and No.
Name of Operator	NADANIV.			UTH WELLS DRAW 7-9-9-16
NEWFIELD PRODUCTION CO a. Address Route 3 Box 3630	MPANY	3b. Phone (include are cod		I Well No. 1332917
Myton, UT 84052		435.646.3721	·	eld and Pool, or Exploratory Area
, ,	Sec., T., R., M., or Survey Descrip	ption)		NUMENT BUTTE  bunty or Parish, State
1919 FNL 2177 FEL			11. 00	ounty of Parish, State
SWNE Section 9 T9S R16E			, UI	
12. CHECK	APPROPRIATE BOX(E	S) TO INIDICATE NATU	JRE OF NOTICE	E, OR OTHER DATA
TYPE OF SUBMISSION		ТҮРЕ О	F ACTION	
	Acidize	Deepen [	Production(Start/I	Resume)
Notice of Intent	Alter Casing	Fracture Treat	Reclamation	Well Integrity
Subsequent Report	Casing Repair	New Construction	-	Other
Final Abandonment	Change Plans Convert to	Plug & Abandon Plug Back	Temporarily Abas Water Disposal	ndon
inspection.) Formation water is product Ashley, Monument Butte, produced water is injected.	ced to a steel storage tank Jonah, and Beluga water d into approved Class II we criteria, is disposed at Ne	. If the production water m injection facilities by compa ells to enhance Newfield's	eets quality guide any or contract tro secondary recove	elines, it is transported to the ucks. Subsequently, the ery project.  9S R19E) or at State of Utah
		Accepted by the Utah Division of Oil, Gas and Mini FOR RECORD O	ng	RECEIVED JUN 1 9 2007
		, Oit sam		DIV. OF OIL, GAS & MINING
ereby certify that the foregoing is	true and	Title		

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Mandie Croster

Signature

Date

06/18/2007

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

#### **UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT**

(See other instructions ons reverse side)

SUBMIT IN DUPLICATE\* FORM APPROVED OMB NO. 1004-0137

Expires: February 28, 1995 5. LEASE DESIGNATION AND SERIAL NO.

UTU-65207

WELL	COM	PLETION (	OR RE	COMPL	ETION	REPORT	AND L	OG*	6. IF INDIAN,	_	OR TRIBE NAME VA
1a. TYPE OF WORK		ou f	_	CAS	1				7. UNIT AGRI		
		OIL WELL	<u>×</u>	GAS WELL	DRY	Oth	er		_	South W	/ells Draw
1b. TYPE OF WELL									8. FARM OR	EASE NAM	IE WELL NO
NEW 🔽	work [		7	PLUG	DIFF	П					,
WELL ^	OVER	DEEPEN		BACK	RESVR.	Oth	er		9. WELL NO.	h Wells	Draw 7-9-9-16
2. NAME OF OPERATOR		Nev	vfield E	xploration	Compar	ıv			9. WELL NO.	43-01	3-32917
3. ADDRESS AND TELEP	HONE NO.								10. FIELD AN	D POOL OR	WILDCAT
4. LOCATION OF WEI	T (D )	1401 17th							II SEC. T. B		ent Butte OCK AND SURVEY
4. LOCATION OF WEI At Surface	LL (Keport	1919	'FNL & 2	2177' FEL (S	W/NE) Se	c. 9, T9S, R16E			OR AREA	., M., OK BL	OCK AND SURVE
At top prod. Interval rep	orted belo	w							;	Sec. 9, 1	r9S, R16E
			-	<del></del> .							<del></del>
At total depth			1	14. API NO. 42. O13	3-32917	DATE ISSU	ED 10/18/06	3	12. COUNTY C	OR PARISH	13. STATE
15. DATE SPUDDED	16. DATE 1	T.D. REACHED	17. DAT	E COMPL. (Ready		18. ELEVATION			Duci	lesile	19. ELEV. CASINGHEAD
05/03/07		05/22/07		06/15/	07		95' GL		5807' KE	3	
20. TOTAL DEPTH, MD &	TVD	21. PLUG BAC	K T.D., MD &	k TVD	22. IF MULTI HOW MA		23. INTER DRILLE		ROTARY TOOLS	1	CABLE TOOLS
6150'			6087'		HOW MA	N1,	DRILLI		Х		
24. PRODUCING INTERV	AL(S), OF T			M, NAME (MD A	ND TVD)*						25. WAS DIRECTIONAL
			(	Green Rive	er 431:	2'-5359'					SURVEY MADE
											No 27. WAS WELL CORED
26. TYPE ELECTRIC AND Dual Induction	OTHER LO	SP Compe	nsated	Density C	compens	ated Neutron	. GR. Ca	liper. Ce	ment Bond	Loa	No No
23.	<del>Oddia,</del>	or, compo				eport all strings set					
CASING SIZE/O		WEIGHT,		DEPTH SE		HOLE SIZE			, CEMENTING REC		AMOUNT PULLED
8-5/8" - J 5-1/2" - J		24: 15.5		31 <sup>4</sup> 580		12-1/4" 7-7/8"			160 sx Class " and 450 sx 50		
3-1/2 - 3	1-00	10.0	<del>'''</del>	- 000		7 770	1000 3x	1 TOMING II	400 0X 00	700 1 02	
29.		LINE	R RECOR	D			30.		TUBING RE		
SIZE		TOP (MD)	BOTTON	M (MD) SA	ACKS CEMEN	T* SCREEN (MD	) SIZ		DEPTH SET (M	D)	PACKER SET (MD)  TA @
							- 2-11	<del>-</del>	5413		5316'
31. PERFORATION REC	ORD (Inter	val, size and number)				32.	ACID,	SHOT, FRA	CTURE, CEME		
INT	ERVAL		SIZ		PF/NUMBI		TERVAL (M				MATERIAL USED
· · · · · · · · · · · · · · · · · · ·		C) 5353'-5359'	.49		4/24		3'-5359' 4'-5278'				and in 263 bbls fluid and in 633 bbls fluid
		3) 5264'-5278' 1) 4808'-4817'	.43		4/56 4/36		<del>4-3276</del> 8'-4817'				and in 573 bbls fluid
· · · · · · · · · · · · · · · · · · ·		4) 4312'-4324'	.43		4/48		2'-4324'				and in 406 bbls fluid
	(0)	7,4012 4024			17 10				,		
33.* DATE FIRST PRODUCTION	NI .	PRODUCTION	METHOD (	(Flowing, gas lift, j		UCTION and type of pump)	-		İ	WELL ST	ATUS (Producing or shut-in)
06/15/0		PRODUCTION				RHAC SM F	lunger P	ump			RODUCING
DATE OF TEST		HOURS TESTED	CHOKE		D'N. FOR T PERIOD	OILBBLS.	GASMCI	. W	ATERBBL.		GAS-OIL RATIO
10 day av	e l			1.22	>	174	4	5	10		259
FLOW. TUBING PRESS.		CASING PRESSURE			OIL-BBL.	GAS-MC	F-IVE	) WA	TERBBL.	OIL GRAVIT	ΓΥ-API (CORR.)
			24-HOU	>		I k bum had	Same & Same	1			
34. DISPOSITION OF GAS	(Sold, used	for fuel, vented, etc.)			<u> </u>	JUL	1 1 200	<del>'                                    </del>	TEST WITNES	SED BY	
	,,	,	Sold 8	& Used for	Fuel						
35. LIST OF ATTACHME	NTS					DIM OF OIL	GAS & M	INING			
		/	)								
36. I hereby certify that	the fordon	una and attached int	ormation is	complete and c	orrect as dete	ammeu irom ali avai	LAUTE LECOLOS				7/0/0007
	11/11/2	11 /	11	•			Production	on Clerk		DATE	7/3/2007
Jentri I	MM		11	•	_ TITLE		Production	n Clerk		DATE	7/3/2007 JP

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all 38. GEOLOGIC MARKERS drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries); FORMATION TOP воттом DESCRIPTION, CONTENTS, ETC. TOP TRUE NAME MEAS. DEPTH VERT. DEPTH Garden Gulch Mkr 3768' Well Name South Wells Draw 7-9-9-16 Garden Gulch 1 3983' Garden Gulch 2 4094' Point 3 Mkr 4426' X Mkr 4621' Y-Mkr 4655' Douglas Creek Mkr 4774' BiCarbonate Mkr 5013' B Limestone Mkr 5130' Castle Peak 5634' Basal Carbonate 6078' Total Depth (LOGGERS 6151'

#### STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES 5. LEASE DESIGNATION AND SERIAL NUMBER: DIVISION OF OIL, GAS AND MINING USA UTU-65207 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: SUNDRY NOTICES AND REPORTS ON WELLS 7. UNIT or CA AGREEMENT NAME: Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged S WELLS DRAW UNIT wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. 8. WELL NAME and NUMBER: 1. TYPE OF WELL: OIL WELL GAS WELL OTHER **SOUTH WELLS DRAW 7-9-9-16** 9. API NUMBER: 2. NAME OF OPERATOR: 4301332917 NEWFIELD PRODUCTION COMPANY 10. FIELD AND POOL, OR WILDCAT: PHONE NUMBER 3. ADDRESS OF OPERATOR: MONUMENT BUTTE ZIP 84052 435.646.3721 Route 3 Box 3630 CITY Myton STATE UT 4. LOCATION OF WELL: COUNTY: DUCHESNE FOOTAGES AT SURFACE: 1919 FNL 2177 FEL OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWNE, 9, T9S, R16E STATE: UT CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION DEEPEN REPERFORATE CURRENT FORMATION ACIDIZE ■ NOTICE OF INTENT FRACTURE TREAT SIDETRACK TO REPAIR WELL ALTER CASING (Submit in Duplicate) TEMPORARITLY ABANDON NEW CONSTRUCTION CASING REPAIR Approximate date work will OPERATOR CHANGE TUBING REPAIR CHANGE TO PREVIOUS PLANS VENT OR FLAIR CHANGE TUBING PLUG AND ABANDON WATER DISPOSAL PLUG BACK CHANGE WELL NAME SUBSEQUENT REPORT (Submit Original Form Only) PRODUCTION (START/STOP) WATER SHUT-OFF CHANGE WELL STATUS Date of Work Completion: COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE OTHER: - Weekly Status Report

RECOMPLETE - DIFFERENT FORMATION

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was completed on 06/19/07, attached is a daily completion status report.

CONVERT WELL TYPE

NAME (PLEASE PRINT) Jentri Park

SIGNATURE MANUAL DATE 07/02/2007

(This proce for Statewage Print)

(This space for State use only)

07/02/2007

JUL 1 1 2007

Director of a mana

#### **Daily Activity Report**

Format For Sundry
S WELLS DRW 7-9-9-16
4/1/2007 To 8/30/2007

6/8/2007 Day: 1

Completion

Rigless on 6/7/2007 - Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6049' & cement top @ 54'. Perforate stage #1. LODC sds @ 5353-5359' w/ 3 1/8" Slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 24 shots. 144 BWTR. SIFN.

6/14/2007 Day: 2

Completion

Rigless on 6/13/2007 - RU BJ Services. 270 psi on well. Frac LODC sds w/ 14,566#'s of 20/40 sand in 263 bbls of Lightning 17 fluid. Broke @ 2592 psi. Treated w/ ave pressure of 3118 psi @ ave rate of 24.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 2413 psi. Leave pressure on well. 407 BWTR. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite solid frac plug & 14' perf gun. Set plug @ 5315'. Perforate A3 sds @ 5364- 78' w/ 3-1/8" Slick Guns (.43"HE, 23 gram, 90°) w/ 4 spf for total of 56 shots. RU BJ Services. 438 psi on well. Frac A3 sds w/84,918#'s of 20/40 sand in 633 bbls of Lightning 17 fluid. Broke @ 2589 psi. Treated w/ ave pressure of 1760 psi @ ave rate of 24.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 2120 psi. Leave pressure on well. 1040 BWTR RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 9' perf gun. Set plug @ 4910'. Perforate D1 sds @ 4808- 17' w/ 3-1/8" Slick Guns (.43"HE, 23 gram, 90°) w/ 4 spf for total of 36 shots. RU BJ Services. 1470 psi on well. Frac D1 sds w/ 74,920#'s of 20/40 sand in 573 bbls of Lightning 17 fluid. Broke @ 2057 psi. Treated w/ ave pressure of 1905 psi @ ave rate of 24.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 2140 psi. Leave pressure on well. 1613 BWTR. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 12' perf gun. Set plug @ 4430'. Perforate GB4 sds @ 4312- 24' w/ 3-1/8" Slick Guns (.43"HE, 23 gram, 90°) w/ 4 spf for total of 48 shots. RU BJ Services. 830 psi on well. Frac GB4 sds w/ 48,21#'s of 20/40 sand in 406 bbls of Lightning 17 fluid. Broke @ 3787 psi. Treated w/ ave pressure of 1692 psi @ ave rate of 24.8 BPM. ISIP 1918 psi. Begin immediate flowback on 12/64 choke @ 1 BPM. Flowed for 3 1/2 hrs turned to oil, Shut in well. Rec. 204 BTF. 1815 BWTR.

6/15/2007 Day: 3

Completion

Western #2 on 6/14/2007 - 1150 psi on well, Heavy gas & oil. MIRU Western #2. RU Lone Wolf WLT & lubricator. RU D&M hot oil & pumped 15 bbls of wtr down csg @ 150°. RIH w/ Weatherford 5-1/2" 5K composite solid kill plug. Set plug @ 4280'. Bleed off well. RD WL. ND Cameron BOP & 5M WH. NU 3M WH & Schaffer BOP. Talley, PU & RIH w/ 4 3/4" bit, Bit sub & 146 jts of 2 7/8 J-55 tbg, Tagged plug @ 4280'. LD 2- jts of tbg. EOT @ 4235'. Circulate well clean, Lost 65 bbls of wtr. RU up power swivel. SIWFN 1895 BWTR.

6/18/2007 Day: 4

Completion

Western #2 on 6/17/2007 - Hot oiler heated & transferred 160 bbls of oil from flat tank to tank #1. 0 psi on well. Drill out kill plug @ 4280', 18 mins. Continue to drill

out plugs & circulate sand while well flowed up csg. Plug @ 4430', No sand, Drilled up in 27 mins. Plug @ 4910', No sand, Drilled up in 12 mins. Plug @ 5315, Sand @ 5276', Drilled up in 14 mins. Tagged sand @ 6009'. Clean out to PBTD @ 6087'. RD Nabors power swivel. LD 2 jts to tbg. EOT @ 6016'. RU Swab equipment. IFL @ surface, Made 3 runs, Rec 28 BTF. Well started flowing. RU choke to tbg. Flow well of 20/64 choke. Turned well over to pumper @ 4:30 PM. Transferred a total of 290 bbls of oil to tank #1. Recovered a total of 85 bbls of wtr. SIWFN 1810 BWTR.

#### 6/19/2007 Day: 5

Completion

Western #2 on 6/18/2007 - Well flowed through weekend. Rec est 805 BO & 353 BW. Still flowing steady. Open well up to bleed down while transferring oil f/production tks. Recovered 160 BO & 10 BO. RU & circ hole dn tbg W/ 200 bbls of 10# brine wtr. Recovered 40 BO & 10 BW back to production tks. Pump 60 bbls brine dn annulus. Well static. LD excess tbg. TOH W/ tbg & bit. TIH W/ BHA & production tbg as follows: 2 7/8 NC, 2 jts tbg, SN, 1 jt tbg, new CDI 5 1/2" TA (45K) & 173 jts 2 7/8 8rd 6.5# J-55 tbg. Well still static. ND BOP. Set TA @ 5316' W/ SN @ 5351' & EOT @ 5413'. Land tbg W/ 16,000# tension. NU wellhead. SIFN W/ est 1697 BWTR.

#### 6/20/2007 Day: 6

Completion

Western #2 on 6/19/2007 - Bleed pressure off well. RU & flush tbg W/ 60 bbls hot brine wtr (let casing flow to production tks). PU & TIH W/ pump and "A" grade rod string as follows: new CDI 2 1/2" X 1 1/2" X 20' RHAC pump, 6-1 1/2" weight rods, 20-3/4" scrapered rods, 88-3/4" plain rods, 98-3/4" scrapered rods, 1-8', 1-6' & 2-4' X 3/4" pony rods and 1 1/2" X 26' polished rod. Seat pump & RU pumping unit. Fill tbg W/ 2 BW. Pressure test tbg & pump to 200 psi. Stroke pump up W/ unit to 800 psi. Good pump action. RDMOSU. Est 1699 BWTR. Place well on production @ 11:30 AM 6/19/2007 W/ 102" SL @ 5 SPM. FINAL REPORT!!

**Pertinent Files:** Go to File List



August 3, 2010

Mr. Dan Jarvis State of Utah Division of Oil, Gas and Mining Post Office Box 145801 Salt Lake City, Utah 84114-5801

RE:

Permit Application for Water Injection Well South Wells Draw Federal #7-9-9-16 Monument Butte Field, Lease #UTU-65207 Section 9-Township 9S-Range 16E Duchesne County, Utah

RECEIVED
AUG 3 1 2010

DIV. OF OIL, GAS & MINING

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the South Wells Draw Federal #7-9-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

Eric Sundberg Regulatory Lead

# NEWFIELD PRODUCTION COMPANY APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL SOUTH WELLS DRAW FEDERAL #7-9-9-16 MONUMENT BUTTE FIELD (GREEN RIVER) FIELD LEASE #UTU-65207

**AUGUST 3, 2010** 

#### TABLE OF CONTENTS

LETTER OF INTENT

**COVER PAGE** 

**TABLE OF CONTENTS** 

UIC FORM 1 – APPLICATION FOR INJECTION WELL WELLBORE DIAGRAM OF PROPOSED INJECTION WORK PROCEDURE FOR INJECTION CONVERSION COMPLETED RULE R615-5-1 OUESTIONNAIRE

COMPLETED RULE R615-5-2 QUESTIONNAIRE

ATTACHMENT A ONE-HALF MILE RADIUS MAP

ATTACHMENT A-1 WELL LOCATION PLAT

ATTACHMENT B
ATTACHMENT C
LIST OF SURFACE OWNERS WITHIN ONE-HALF MILE RADIUS
CERTIFICATION FOR SURFACE OWNER NOTIFICATION

ATTACHMENT E WELLBORE DIAGRAM – SOUTH WELLS DRAW FEDERAL #7-9-9-16

ATTACHMENT E WELLBORE DIAGRAM – SOUTH WELLS DRAW FEDERAL #7-9
ATTACHMENT E-1 WELLBORE DIAGRAM – SOUTH WELLS DRAW #8-9-9-16

ATTACHMENT E-2 WELLBORE DIAGRAM – SOUTH WELLS DRAW #15-4-9-16

ATTACHMENT E-2 WELLBORE DIAGRAM – SOUTH WELLS DRAW #15-4-9-16

ATTACHMENT E-3 WELLBORE DIAGRAM – SOUTH WELLS DRAW FEDERAL #2-9-9-16 WELLBORE DIAGRAM – SOUTH WELLS DRAW FEDERAL #1-9-9-16

ATTACHMENT E-5 WELLBORE DIAGRAM – SOUTH WELLS DRAW #9-9-9-16

ATTACHMENT E-6
ATTACHMENT E-7
ATTACHMENT E-8
ATTACHMENT E-8
ATTACHMENT E-9
WELLBORE DIAGRAM – FEDERAL #11A-9-9-16
WELLBORE DIAGRAM – FEDERAL #6-9-9-16
WELLBORE DIAGRAM – FEDERAL #5-9-9-16

ATTACHMENT E-10 WELLBORE DIAGRAM – SOUTH WELLS DRAW #21-9Y-9-16

ATTACHMENT E-11 WELLBORE DIAGRAM – FEDERAL #W-4-9-16 WELLBORE DIAGRAM – FEDERAL #8-9-9-16

ATTACHMENT E-13 WELLBORE DIAGRAM – CASTLE PEAK UNIT #10-9-9-16

ATTACHMENT F WATER ANALYSIS

ATTACHMENT G FRACTURE GRADIENT CALCULATIONS ATTACHMENT G-1 FRACTURE REPORTS DATED 6/8/87 – 6/20/07

ATTACHMENT H WORK PROCEDURE FOR PROPOSED PLUG AND ABANDON ATTACHMENT H-1 WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

# STATE OF UTAH DIVISION OF OIL, GAS AND MINING

#### **APPLICATION FOR INJECTION WELL - UIC FORM 1**

OPERATOR	Newfield Production Company						
ADDRESS	1001 17th Street, Suite 2000						
	Denver, Colorado 80202						

Well Name and numb	er:	South We	lls Draw Fe	deral 7-9-9-1	16				
Field or Unit name: I	Monument Bu	tte (Green	River)				Lease No.	UTU-6520	)7
Well Location: QQ _	SWNE	section	9	township	98	_range	16E	county	Duchesne
Is this application for	expansion of	an existing	g project?.			Yes [X]	No [ ]		
Will the proposed we	ll be used for:		Disposal?	Recovery?		Yes[]	No [ X ]		
Is this application for	a new well to	be drilled?	?			Yes[]i	No [ X ]		
If this application is for has a casing test be Date of test:			ell?			Yes[]	No [ X ]		
API number: 43-01	3-32917		<del>-</del> -						
Proposed maximum i Proposed injection zo mile of the well.	•		gas, and/or Additional	information			-5-2 should		
L			accompan	y this form.					
List of Attachments:		Attachmer	nts "A" throu	ugh "H-1"					
			· · ·						
I certify that this repo	rt is true and	complete t	o the best o	of my knowle	dge.				
	Sundberg			Signature	===				_
	latory Lead			_Date	<u> </u>	10			_
Phone No. <u>(303)</u>	893-0102			_	-				
(State use only)									
Application approved Approval Date	by					_Title			

Comments:

#### S Wells Draw Federal 7-9-9-16

Spud Date: 5-03-2007 Initial Production: BOPD, Put on Production: 6-19-2007 Proposed Injection MCFD, BWPD Wellbore Diagram GL: 5795' KB: 5807' FRAC JOB SURFACE CASING CSG SIZE: 8-5/8" 06-13-07 5353-5359' Frac LODC sands as follows: 14566# 20/40 sand in 263 bbls Lightning 17 Cement top @ 54 GRADE: J-55 frac fluid. Treated @ avg press of 3118 psi WEIGHT: 24# w/avg rate of 24.8 BPM. ISIP 2413 psi. Calc flush: 5351 gal. Actual flush: 4889 gal. LENGTH: 7 jts (302.36') Frac A3 sands as follows: 06-13-07 5264-52783 DEPTH LANDED: 314,21' KB Casing Shoe @ 314' 84918# 20/40 sand in 633 bbls Lightning 17 HOLE SIZE:12-1/4" frac fluid. Treated @ avg press of 1760 psi w/avg rate of 24.8 BPM. ISIP 2120 psi. Calc CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf. flush: 5262 gal. Actual flush: 4746 gal. Frac D1 sands as follows: 06-13-07 4808-4817 74920# 20/40 sand in 573 bbls Lightning 17 frac fluid. Treated @ avg press of 1905 psi w/avg rate of 24.8 BPM. ISIP 2140 psi. Calc flush: 4806 gal. Actual flush: 4284 gal. 06-13-07 4312-4324' Frac GB4 sands as follows: PRODUCTION CASING 48210# 20/40 sand in 406 bbls Lightning 17 frac fluid. Treated @ avg press of 1692 w/ avg rate of 24.8 BPM. ISIP 1918 psi. Calc CSG SIZE: 5-1/2" GRADE: J-55 flush: 4310 gal. Actual flush: 4246 gal. WEIGHT: 15.5# LENGTH: 139 jts. (6115.32') DEPTH LANDED: 6128.57' KB HOLE SIZE: 7-7/8" CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ. CEMENT TOP AT: 54' **TUBING** SIZE/GRADE/WT .: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 173 its (5304.13') TUBING ANCHOR: 5316.13' KB NO. OF JOINTS: 1 its (31.60') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5350.53' KB NO. OF JOINTS: 2 jts (60.88') TOTAL STRING LENGTH: EOT @ 5412.96' KB PERFORATION RECORD 06-07-07 5353-53593 4 ISPF 24 holes 06-13-07 5264-5278' 4 JSPF 56 holes Packer @ 4262' 06-13-07 4808-4817' 4 JSPF 36 holes 4312-4324' 06-13-07 5464-5470' 4 JSPF 48 holes 4808-4817 5264-5278 5353-5359 NEWFIELD PBTD @ 6087' SHOE @ 6129' S Wells Draw Federal 7-9-9-16 TD @ 6150' 1919' FNL & 2177' FEL SW/NE Section 9-T9S-R16E

Duchesne Co, Utah
API # 43-013-32917; Lease # UTU-65207

#### WORK PROCEDURE FOR INJECTION CONVERSION

- 1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
- 2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
- 3. Test casing and packer.
- 4. Rig down and move out.

## REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS RULE R615-5-1

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:
  - 2.1 The name and address of the operator of the project.

Newfield Production Company 1001 17<sup>th</sup> Street, Suite 2000 Denver, Colorado 80202

A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

See Attachment A.

2.3 A full description of the particular operation for approval is requested.

Approval is requested to convert the South Wells Draw Federal #7-9-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

A description of the pools from which the identified wells are producing or have produced.

The proposed injection well will inject into the Green River Formation.

2.5 The names, description and depth of the pool or pools to be affected.

The injection zone is in the Green River Formation. For the South Wells Draw Federal #7-9-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (4093' - 6087'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3765' and the TD is at 6150'.

2.6 A copy of a log of a representative well completed in the pool.

The referenced log for the South Wells Draw Federal #7-9-9-16 is on file with the Utah Division of Oil, Gas and Mining.

2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.

See Attachment B.

2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.

See Attachment C.

2.10 Any additional information the Board may determine is necessary to adequately review the petition.

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.

This proposed injection well is on a Federal lease (Lease #UTU-65207) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

#### REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL, STORAGE AND ENHANCED RECOVERY WELLS SECTION V – RULE R615-5-2

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:
  - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.

See Attachments A and B.

2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.

All logs are on file with the Utah Division of Oil, Gas and Mining.

2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.

The casing program is 8-5/8", 24# surface casing run to 314' KB, and 5-1/2", 15.5# casing run from surface to 6129' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.

See Attachment F.

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1890 psig.

2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the South Wells Draw Federal #7-9-9-16, for existing perforations (4312' - 5359') calculates at 0.88 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1890 psig. We may add additional perforations between 3765' and 6150'. See Attachments G and G-1.

2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the South Wells Draw Federal #7-9-9-16, the proposed injection zone (4093' - 6087') is in the Garden Gulch to the Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-13.

Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

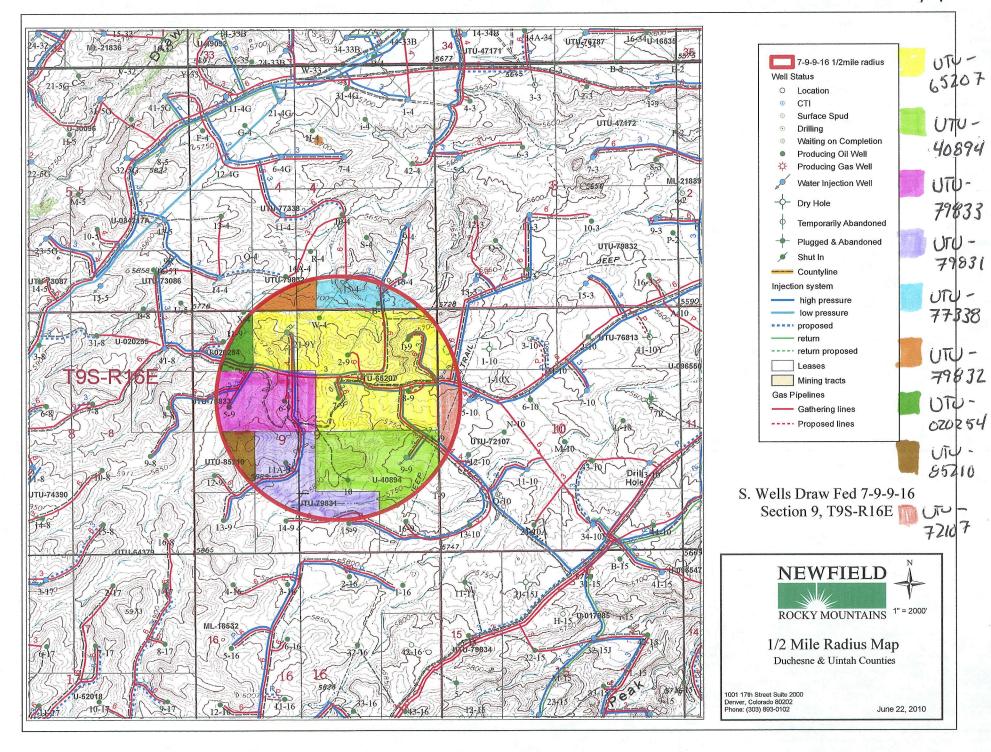
2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

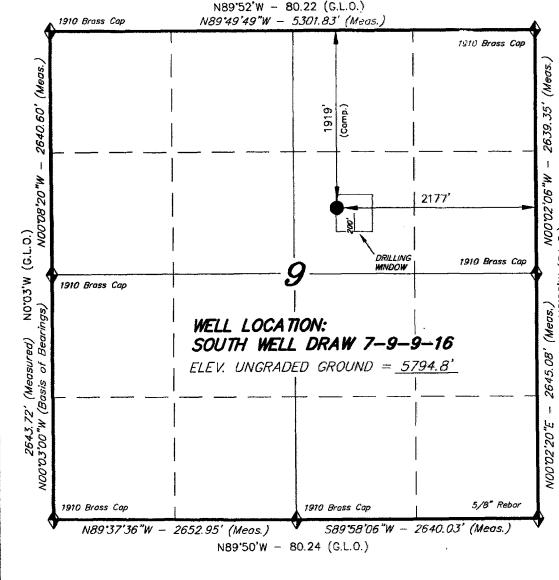
2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.

Newfield Production Company will supply any requested information to the Board or Division.

## ATTACHMENT A



## T9S, R16E, S.L.B.&M.



🖒 = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

#### NEWFIELD PRODUCTION COMPANY

WELL LOCATION, SOUTH WELL DRAW
7-9-9-16, LOCATED AS SHOWN IN THESE 1/4 NE 1/4 OF SECTION 9, T9S,
R16E, S.L.B.&M. DUCHESNE COUNTY,
UTAH.

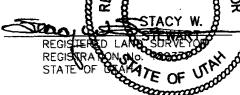
ATTACHMENT A-



#### Note:

The Proposed Well head bears N71°32'47"W 2295.70' from the East 1/4 Corner East 1/4 of Section 9.

THIS IS TO CERTIFY THAT THE ABOVE PER WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND SURRECT TO THE BEST OF MY KNOWLEDGE AND FILES NO.189377



#### TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: C.M.
DATE: 9-12-05	DRAWN BY: F.T.M.
NOTES:	FILE #

#### **EXHIBIT B**

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	Township 9 South, Range 16 East SLM Section 9: NE, NENW Section 10: N2NW	USA UTU-65207 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corporation Yates Drilling Company Myco Industries, Inc. Abo Petroleum Corporation	USA
2	Township 9 South, Range 16 East SLM Section 9: N2SE, SESE	USA UTU-40894 HBP	Newfield Production Company Newfield RMI LLC	USA
3	Township 9 South, Range 16 East SLM Section 8: SENE Section 9: S2NW	USA UTU-79833 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corporation Yates Drilling Company ABO Petroleum Corporation MYCO Industries, Inc.	USA

#### **EXHIBIT B**

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
4	Township 9 South, Range 16 East SLM Section 9: E2SW, SWSE	USA UTU-79831 HBP	Newfield Production Company Newfield RMI LLC	USA
5	Township 9 South, Range 16 East SLM Section 3: Lots 3-4, S2NW, SW Section 4: NESW, SE	USA UTU-77338 HBP	Newfield Production Company Newfield RMI LLC	USA
6	Township 9 South, Range 16 East SLM Section 3: SE Section 4: SESW	USA UTU-79832 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corporation	USA
7	Township 9 South, Range 16 East SLM Section 9: NWNW	USA UTU-020254 HBP	Newfield Production Company Newfield RMI LLC	USA
8	Township 9 South, Range 16 East SLM Section 9: NWSW	USA UTU-85210 HBP	Newfield Production Company	USA
9	Township 9 South, Range 16 East SLM Section 10: S2N2, N2S2, S2SW	USA UTU-72107 HBP	Newfield Production Company Newfield RMI LLC	USA

#### ATTACHMENT C

#### CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well South Wells Draw Federal #7-9-9-16

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: Newfield Production Company

> Eric Sundberg Regulatory Lead

Sworn to and subscribed before me this 23rd day of August, 2

Notary Public in and for the State of Colorado: and it is a subscribed before me this 23rd day of August, 2

Notary Public in and for the State of Colorado: and it is a subscribed before me this 23rd day of August, 2

Notary Public in and for the State of Colorado: and it is a subscribed before me this 23rd day of August, 2

Notary Public in and for the State of Colorado: and it is a subscribed before me this 23rd day of August 1

Notary Public in and for the State of Colorado: and it is a subscribed before me this 23rd day of August 1

Notary Public in and for the State of Colorado: and it is a subscribed before me this 23rd day of August 1

Notary Public in and for the State of Colorado: and it is a subscribed before me this 23rd day of August 1

Notary Public in and for the State of Colorado: and it is a subscribed before me this 23rd day of August 1

Notary Public in and for the State of Colorado: and it is a subscribed before me this 23rd day of August 1

Notary Public in and for the State of Colorado: and it is a subscribed before me this 23rd day of August 1

Notary Public in and for the State of Colorado: and it is a subscribed before me this 23rd day of August 1

Notary Public in and for the State of Colorado: and it is a subscribed before me this 23rd day of August 1

Notary Public in and for the State of Colorado: and it is a subscribed before me this 23rd day of August 1

Notary Public in and for the State of Colorado: and it is a subscribed before me this 23rd day of August 1

Notary Public in and for the State of Colorado: and it is a subscribed before me this 23rd day of August 1

Notary Public in and for the State of Colorado: and it is a subscribed before me this 23rd day of August 1

Notary Public in and for the State of Colorado: and it is a subscribed before me this 23rd day of August 1

Notary Public in and for the State of Colorado: and it is a subscribed before me this 23rd day of August 1

Notary Public in an and for the State

My Commission Expires

My Commission Expires:

02/10/2013

#### S Wells Draw Federal 7-9-9-16

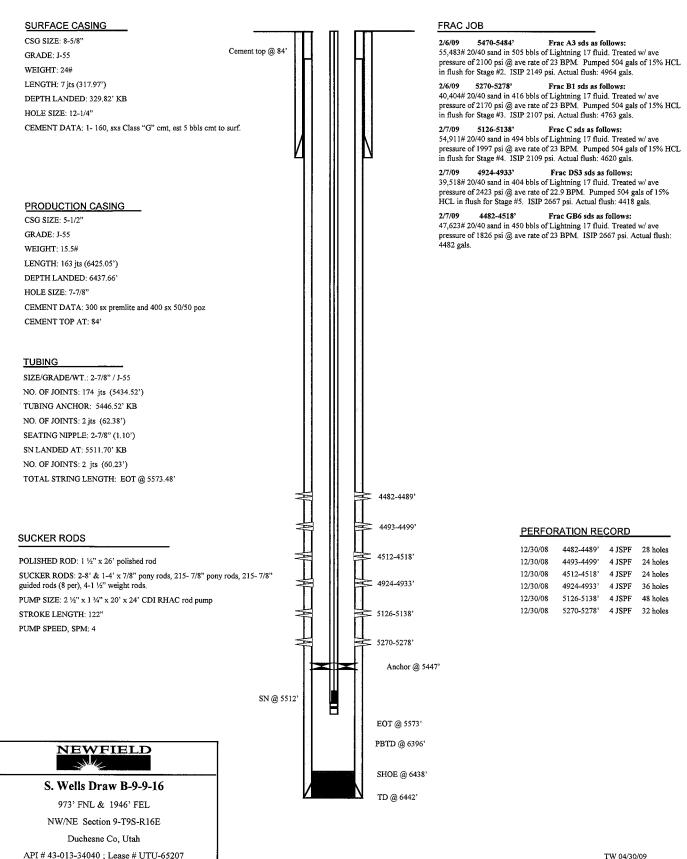
Spud Date: 5-03-2007 Initial Production: BOPD. Put on Production: 6-19-2007 Wellbore Diagram MCFD, BWPD GL: 5795' KB: 5807' FRAC JOB SURFACE CASING CSG SIZE: 8-5/8" 06-13-07 5353-5359 Frac LODC sands as follows: 14566# 20/40 sand in 263 bbls Lightning 17 Cement top @ 54 GRADE: J-55 frac fluid. Treated @ avg press of 3118 psi WEIGHT: 24# w/avg rate of 24.8 BPM. ISIP 2413 psi. Calc flush: 5351 gal. Actual flush: 4889 gal. LENGTH: 7 jts (302.36') 06-13-07 5264-5278 Frac A3 sands as follows: DEPTH LANDED: 314.21' KB Casing Shoe @ 314' 84918# 20/40 sand in 633 bbls Lightning 17 HOLE SIZE:12-1/4" frac fluid. Treated @ avg press of 1760 psi w/avg rate of 24.8 BPM, ISIP 2120 psi, Calc CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf. flush: 5262 gal. Actual flush: 4746 gal. Frac D1 sands as follows: 06-13-07 4808-4817' 74920# 20/40 sand in 573 bbls Lightning 17 frac fluid. Treated @ avg press of 1905 psi w/avg rate of 24.8 BPM. ISIP 2140 psi. Calc flush: 4806 gal. Actual flush: 4284 gal. Frac GB4 sands as follows: PRODUCTION CASING 06-13-07 4312-4324' 48210# 20/40 sand in 406 bbls Lightning 17 CSG SIZE: 5-1/2" frac fluid. Treated @ avg press of 1692 w/ avg rate of 24.8 BPM, ISIP 1918 psi, Calc GRADE: J-55 flush: 4310 gal. Actual flush: 4246 gal. WEIGHT: 15.5# LENGTH: 139 jts. (6115.32') DEPTH LANDED: 6128.57' KB HOLE SIZE: 7-7/8" CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ. CEMENT TOP AT: 54' **TUBING** SIZE/GRADE/WT .: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 173 jts (5304.13') TUBING ANCHOR: 5316.13' KB NO. OF JOINTS: 1 jts (31.60') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5350.53' KB NO. OF JOINTS: 2 jts (60.88') TOTAL STRING LENGTH: EOT @ 5412.96' KB PERFORATION RECORD SUCKER RODS 06-07-07 5353-5359' 4 JSPF 24 holes 06-13-07 5264-5278' 4 JSPF 56 holes POLISHED ROD: 1-1/2" x 22' SM 06-13-07 4808-4817' 4 JSPF 36 holes SUCKER RODS: 1-8', 1-6', & 2-4' x 34" pony rods, 98-34" scrapered rods, 88-4312-4324 06-13-07 5464-5470' 4 JSPF 3/4" plain rods, 20-3/4" scrapered rods, 6-1 1/2" weight rods. PUMP SIZE: 2-1/2" x 1-1/2" x 20' RHAC w/SM plunger 4808-4817 STROKE LENGTH: 102" PUMP SPEED, SPM: 5 SPM 5264-5278' Anchor @ 5316' 5353-5359' SN @ 5351' EOT @ 5413' NEWFIELD PBTD @ 6087' SHOE @ 6129' S Wells Draw Federal 7-9-9-16 TD @ 6150' 1919' FNL & 2177' FEL SW/NE Section 9-T9S-R16E Duchesne Co, Utah API # 43-013-32917; Lease # UTU-65207

#### S. Wells Draw B-9-9-16

Spud Date: 12/1/2008 Put on Production: 1/13/2009

GL: 5789' KB: 5801'

Wellbore Diagram



#### South Wells Draw #15-4-9-16

Injection Wellbore

Diagram

Spud Date: 1/25/2000 Put on Injection: 7/30/02 GL: 5725' KB: 5735'

#### SURFACE CASING

CSG SIZE: 8-5/8" GRADE: J-55 WEIGHT: 24# LENGTH: 7 jts. (319.75') DEPTH LANDED: 317,35' HOLE SIZE:12-1/4"

CEMENT DATA: 141 sxs Class "G" cmt.

#### PRODUCTION CASING

CSG SIZE: 4-1/2" GRADE: J-55 WEIGHT: 11.6#

LENGTH: 132 jts. (5921.85') DEPTH LANDED: 5919.45' HOLE SIZE: 7-7/8"

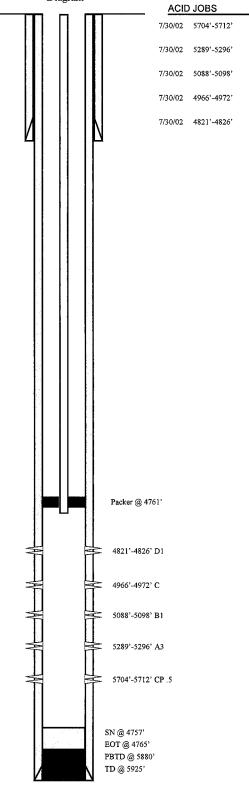
CEMENT DATA: 350 sk Prem. Lite II mixed & 550 sxs 50/50 POZ.

CEMENT TOP AT: Surface per CBL

#### **TUBING**

SIZE/GRADE/WT.: 2-3/8" / J-55 / 4,7# NO. OF JOINTS: 148 jts (4747.79') SEATING NIPPLE: 2-3/8" (1.10') SN LANDED AT: 4757,79' KB PACKER: 1 jts (4761.84')

TOTAL STRING LENGTH; EOT @ 4765.49' KB



Acidize CP 0.5 sand as follows:	
Used 110 gal 15% HCl w/ 4200 psi @ .8 B)	PM.
Acidize A 3 sand as follows:	
Used 110 gal 15% HCl w/ 1500 psi @ 1.1 E	BPM.

Acidize B 1 sand as follows:

Used 110 gal 15% HCl w/ 2500 psi @ 1.1 BPM. Acidize C sand as follows:

Used 110 gal 15% HCl w/ 3000 psi @ .9 BPM.

Acidize D 1 sand as follows:

PERFORATION RECORD 7/29/02 5704'-5712'

7/29/02 5289'-5296' 4 JSPF

7/29/02 5088'-5098' 4 JSPF

7/29/02 4966'-4972' 4 JSPF

7/29/02 4821'-4826' 4 JSPF 20 holes

4 JSPF

32 holes

28 holes

40 holes

24 holes

Used 110 gal 15% HCl w/ 2300 psi @ .9 BPM.

**NEWFIELD** 

South Wells Draw #15-4-9-16 709 FSL & 1877 FEL SWSE Section 4-T9S-R16E Duchesne Co, Utah API #43-013-32108; Lease #UTU-77338

#### SO WELLS DRAW FED 2-9-9-16

Spud Date: 01/23/2007

API #43-013-32956; Lease # UTU-65207

Initial Production: BOPD. Put on Production: 04/04/07 Wellbore Diagram MCFD, BWPD GL: 5788' KB: 5800' FRAC JOB SURFACE CASING CSG SIZE: 8-5/8" 03/28/07 5300-52683 Frac A3 & A1 sands as follows: 145339# 20/40 sand in 995 bbls Lightning 17 GRADE: J-55 frac fluid. Treated @ avg press of 1734 psi WEIGHT: 24# w/avg rate of 25 BPM. ISIP 2166 psi. Calc flush: 5298 gal. Actual flush: 4788 gal. LENGTH: 7 jts. (311.69') Frac B2 sands as follows: 03/29/07 5125-51313 DEPTH LANDED: 323.54' KB 30012# 20/40 sand in 371 bbls Lightning 17 Cement Top @ 1983 HOLE SIZE:12-1/4" frac fluid. Treated @ avg press of 2040 psi w/avg rate of 25 BPM, ISIP 1717 psi. Calc CEMENT DATA: 160 sxs Class "G" cmt, est ? bbls cmt to surf. flush: 5123 gal, Actual flush: 4662 gal. 02/29/07 5000-49903 Frac C sands as follows: 90319# 20/40 sand in 657 bbls Lightning 17 frac fluid. Treated @ avg press of 1715 psi w/avg rate of 25.1 BPM. ISIP 2000 psi. Calc flush: 4998 gal. Actual flush: 4494 gal. 03/29/07 4840-48453 Frac D1 sands as follows: PRODUCTION CASING 24650# 20/40 sand in 325 bbls Lightning 17 frac fluid. Treated @ avg press of 2370 psi CSG SIZE: 5-1/2" w/avg rate of 24.9 BPM. ISIP 2321 psi. Calc GRADE: J-55 flush: 4838 gal. Actual flush: 4334 gal WEIGHT: 15.5# 03/29/07 4542-4550' Frac PB10 sands as follows: LENGTH: 139 jts. (6146') 36645# 20/40 sand in 347 bbls Lightning 17 frac fluid. Treated @ avg press of 2057 psi w/avg rate of 24.9 BPM. ISIP 2290 psi. Calc DEPTH LANDED: 6159.25' KB HOLE SIZE: 7-7/8" flush: 4540 gal. Actual flush: 4452 gal CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ. CEMENT TOP: 1983 10/28/09 Pump Change. Updated rod & tubing details. **TUBING** SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 167 jts (5296.08') 4542-4550' TUBING ANCHOR: 5308.08' KB NO. OF JOINTS: 1 jts (31.68') SEATING NIPPLE; 2-7/8" (1.10') 4840-4845 SN LANDED AT: 5342.56' KB NO. OF JOINTS: 2 its (63.69') 4974-4990 TOTAL STRING LENGTH: EOT @ 5407.80' KB 5000-50057 PERFORATION RECORD SUCKER RODS 5125-5131' 03/22/07 5300-5311' 4 JSPF 44 holes POLISHED ROD: 1-1/2" x 22' SM 03/22/07 5279-5294' 4 JSPF 60 holes 5262-5268' SUCKER RODS:1-2' 1-6', & 1-8' x 3/4" ponies, 99-3/4" scrapered rods, 97-03/22/07 5262-5268' 4 JSPF 24 holes 3/4" plain rods 10- scrapered rods, 6-11/2" weight rods. 03/28/07 5125-5131' 4 JSPF 24 holes PUMP SIZE: CDI 2-1/2" x 1-1/2" x 15' RHAC 03/29/07 5000-5005' 4 JSPF 20 holes 5279-5294' 03/29/07 4974-4990' 4 JSPF 64 holes STROKE LENGTH: 86" 03/29/07 4840-4845' 4 JSPF 20 holes PUMP SPEED, 4.5 SPM: 03-29-07 4542-4550' 4 JSPF 32 holes Anchor @ 5308' 5300-5311' SN 5343 EOT @ 5408' PBTD @ 5897' NEWFIELD SHOE @ 6423' So Wells Draw Fed. 2-9-9-16 TD @ 6429' 978'FNL & 1965' FEL NW/NE Section 9-T9S-R16E Duchesne Co. Utah

#### South Wells Draw Federal 1-9-9-16

Spud Date: 2-23-07 Initial Production: BOPD, Put on Production: 4-12-07 Wellbore Diagram MCFD, BWPD GL: 5700' KB: 5712' SURFACE CASING FRAC JOB CSG SIZE: 8-5/8" 04-04-07 5661-5715 Frac CP2, CP1 sands as follows: 19982# 20/40 sand in 306 bbls Lightning 17 GRADE: J-55 frac fluid. Treated @ avg press of 2038 psi w/avg rate of 25.1 BPM. ISIP 1763 psi. Calc WEIGHT: 24# Casing Shoe @ 323' flush: 5659 gal. Actual flush: 5166 gal. LENGTH: 7 jts (311.57') 04-04-07 5358-5364 Frac LODC sands as follows: DEPTH LANDED: 323.42' KB 40041# 20/40 sand in 390 bbls Lightning 17 frac fluid. Treated @ avg press of 2962 psi HOLE SIZE:12-1/4" Cement top @ 742 w/avg rate of 25.1 BPM. ISIP 3458 psi. Calc CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf. flush: 5356 gal. Actual flush: 4914 gal. 04-04-07 5246-5260 Frac A3 sands as follows: 84929# 20/40 sand in 638 bbls Lightning 17 frac fluid. Treated @ avg press of 1883 psi w/avg rate of 25.1 BPM. ISIP 2261 psi. Calc flush: 5244 gal. Actual flush: 4788 gal. PRODUCTION CASING 04-04-07 5070-50843 Frac B2 sands as follows: 85291# 20/40 sand in 631 bbls Lightning 17 CSG SIZE: 5-1/2" frac fluid. Treated @ avg press of 1999 w/ avg rate of 25.1 BPM. ISIP 2100 psi. Calc GRADE: J-55 flush: 5068 gal. Actual flush: 4620 gal. WEIGHT: 15.5# LENGTH: 140 jts. (6127.43') 04-04-07 4933-49383 Frac C sands as follows: 15154# 20/40 sand in 254 bbls Lightning 17 DEPTH LANDED: 6140.68' KB frac fluid. Treated @ avg press of 2940 w/ HOLE SIZE: 7-7/8" avg rate of 25.8 BPM. ISIP 3027 psi. Calc flush: 4931 gal. Actual flush: 2354 gal. CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ. CEMENT TOP AT: 742' 04-04-07 4768-4816 Frac D2, & D1 sands as follows: 89209# 20/40 sand in 653 bbls Lightning 17 frac fluid. Treated @ avg press of 1980 w/ avg rate of 24.6 BPM. ISIP 2207 psi. Calc **TUBING** flush: 4766 gal. Actual flush: 4662 gal. SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5# Tubing Leak. Updated r & t details. Pump Change. Updated rod & tubing details. 5/7/09 9/15/09 NO. OF JOINTS: 172 jts (5681.7') TUBING ANCHOR: 5681.7' KB NO. OF JOINTS: 1 its (33.03') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5717.6' KB NO. OF JOINTS: 2 jts (66.11') TOTAL STRING LENGTH: EOT @ 5784.8' KB 4768-4779 PERFORATION RECORD 4811-4816' SUCKER RODS 03-30-07 5710-5715' 4 JSPF 20 holes 4 JSPF 03-30-07 5661-56663 20 holes POLISHED ROD: 1-1/2" x 26' SM 5070-5084 04-04-07 5358-5364' 4 ISPF 24 holes SUCKER RODS: 100-7/8" scrapered rods, 101-3/4" plain rods, 20-3/4" 5246-5260' 4 JSPF 04-04-07 56 holes scrapered rods, 6- 1 1/2? Weight rods. 5246-5260' 04-04-07 5070-5084' 4 JSPF 56 holes PUMP SIZE: 2-1/2" x 1-3/4" x 16' x 20' RHAC 04-04-07 4933-4938 4 JSPF 20 holes 5358-5364 STROKE LENGTH: 120' 04-04-07 4811-4816' 4 JSPF 20 holes PUMP SPEED, SPM: 5 SPM 04-04-07 4768-4779 4 JSPF 44 holes 5661-56663 Anchor @ 5682' 5710-5715 SN @ 5718' EOT @ 5785' NEWFIELD PBTD @ 6095' SHOE @ 6141' South Wells Draw Federal 1-9-9-16 TD @ 6150' 654' FNL & 659' FEL NE/NE Section 9-T9S-R16E Duchesne Co, Utah

API # 43-013-32915; Lease # UTU-65207

Spud Date: 5/20/98

Put on Production: 7/15/98 GL: 5736' KB: 5748'

#### South Wells Draw #9-9-9-16

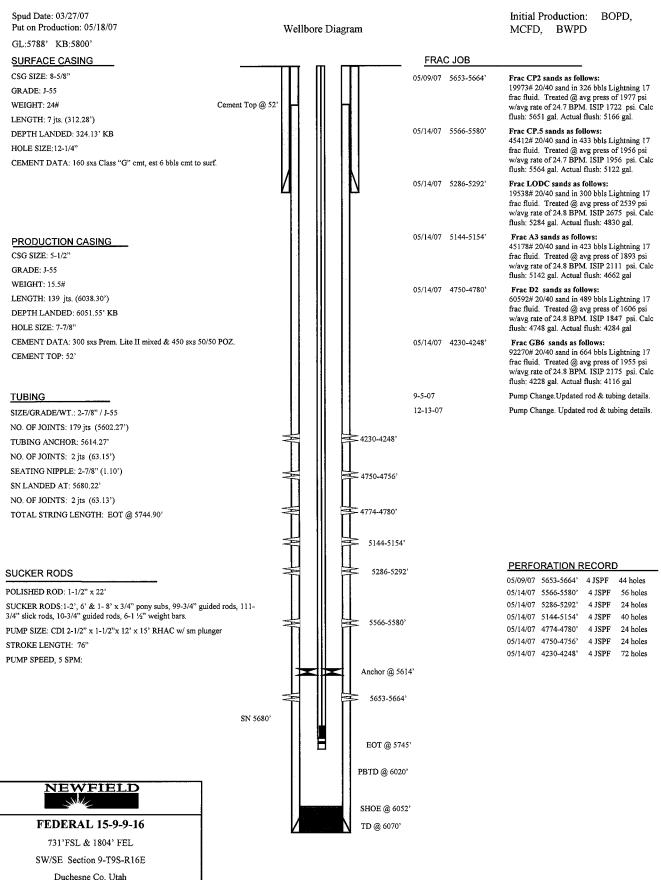
Injection Wellbore Diagram

Initial Production: 80 BOPD, 60 MCFPD, 20 BWPD

#### SURFACE CASING FRAC JOB CSG SIZE: 8-5/8" 7/2/98 5145'-5186' Frac A-3 sand as follows: 101,290# 20/40 sand in 455 bbls Viking GRADE: J-55 I-25 fluid. Perfs brokedown @ 2902 psi. Treated @ avg press of 3000 psi w/avg rate of 30 bpm. Due to rapidly increasing WEIGHT:24# LENGTH: 7 jts. (310') pressure, sand was cut @ blender @ 9.6#. Flushed 63 bbls before perfs locked up w/9.5 sand @ perfs. ISIP: 3600 psi, 5-DEPTH LANDED: 311'(GL) HOLE SIZE:12-1/4" min 2877 psi. Flowback on 12/64" choke CEMENT DATA: 120 sxs Premium cmt, est 4 bbls cmt to surf. for 2.5 hours and died. Frac B-2 sand as follows: 96,120# of 20/40 sand in 516 bbls Viking 7/7/98 5026'-5034' I-25 fluid. Perfs brokedown @ 3770 psi. Treated @ avg press of 1950 psi w/avg rate of 30 bpm. ISIP-2050 psi, 5-min 1915 psi. Flowback on 12/64: choke for 3.5 hours and died. PRODUCTION CASING 7/9/98 4720'-4744' Frac D-1 sand as follows: CSG SIZE: 5-1/2" 88,475# 20/40 sand in 497 bbls Viking I-Cement top @ 2907' GRADE: I-55 25 fluid. Perfs brokedown @ 3212 psi. Treated @ avg press of 2000 psi w/avg rate of 26 bpm. ISIP: 2340 psi, 5-min WEIGHT: 15,5# LENGTH: 135 jts. (5830.81') 2000 psi. Flowback on 12/64" choke for 4.5 hours and died. DEPTH LANDED: 5842,06' 7/11/98 4188'-4232' Frac GB-4 sands as follows: HOLE SIZE: 7-7/8" 93,342# of 20/40 sand in 587 bbls Viking I-25 fluid. Perfs brokedown @ CEMENT DATA: 350 sx 28:72 POZ type III & 360 sk Class G 3100 psi. Treated @ avg press of 1600 CEMENT TOP AT: 2907' CBL psi w/avg rate of 26.4 bpm. ISIP-2116 psi, 5-min 1857 psi. Flowback on 12/64: choke for 2 hours and died 11/14/01 Convert to injector. **TUBING** SIZE/GRADE/WT .: 2-7/8"/6.5#/M-50 tbg. NO. OF JOINTS: 132 jts. SEAT NIPPLE: 4104' PACKER: 4107' TOTAL STRING LENGTH: EOT @ 4111' Packer @ 4107 4188'-4194' GB 4206'-4210' GB PERFORATION RECORD 4214'-4217' GB 7/1/98 5145'-5148' 4 JSPF 12 holes 7/1/98 5174'-5186' 4 ISPE 48 holes 4227'-4232' GB 7/7/98 5026'-5034' 4 JSPF 32 holes 7/8/98 4720'-4725' 4 JSPF 7/8/98 4742'-4744' 4 JSPF 8 holes 4720'-4725' D 7/10/98 4188'-4194' 4 JSPF 24 holes 7/10/98 4206'-4210' 4 JSPF 16 holes 4742'-4744' D 7/10/98 4214'-4217' 4 JSPF 12 holes 7/10/98 4227'-4232' 4 JSPF 20 holes 5145'-5148' A 5174'-5186' A SN @ 4104' EOT @ 4111' Top of fill @ 5491' **NEWFIELD** PBTD @ 5788' TD @ 5850'

South Wells Draw #9-9-9-16 2081' FSL & 720' FEL NESE Section 9-T9S-R16E Duchesne Co, Utah API #43-013-32043; Lease #U-40894

#### FEDERAL 15-9-9-16



API #43-013-33054; Lease # UTU-020252 A

#### Federal 11A-9-9-16

Spud Date: 4-23-07 Initial Production: BOPD, Put on Production: 6-1-07 Wellbore Diagram MCFD, BWPD GL: 5842' KB: 5854' SURFACE CASING FRAC JOB CSG SIZE: 8-5/8" Frac CP5 sands as follows: 06-01-07 5968-5988' 86018# 20/40 sand in 657 bbls Lightning 17 GRADE: J-55 frac fluid. Treated @ avg press of 1731 psi w/avg rate of 24.8 BPM. ISIP 2226 psi. Calc WEIGHT: 24# flush: 5966 gal. Actual flush: 5460 gal. LENGTH: 7 jts (309.65') Cement top @ 156' 06-01-07 5405-5413' Frac LODC sands as follows: DEPTH LANDED: 321.5' KB 15233# 20/40 sand in 657 bbls Lightning 17 frac fluid. Treated @ avg press of 2238 psi w/avg rate of 24.8 BPM. ISIP 2359 psi. Calc HOLE SIZE:12-1/4" CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf. flush: 5403 gal. Actual flush: 4956 gal. 06-01-07 5306-5318' Frac LODC sands as follows: 25167# 20/40 sand in 345 bbls Lightning 17 frac fluid. Treated @ avg press of 2598 psi w/avg rate of 24.7 BPM. ISIP 3184 psi. Calc flush: 5304 gal. Actual flush: 4830 gal. PRODUCTION CASING 06-01-07 5211-52263 Frac A3 sands as follows: 81060# 20/40 sand in 608 bbls Lightning 17 CSG SIZE: 5-1/2" frac fluid. Treated @ avg press of 1601 w/ GRADE: I-55 avg rate of 24.7 BPM. ISIP 1930 psi. Calc flush: 5209 gal. Actual flush: 4746 gal. WEIGHT: 15.5# LENGTH: 140 jts. (6101.12') 06-01-07 4852-4884' Frac D3 sands as follows: 20066# 20/40 sand in 293 bbls Lightning 17 frac fluid. Treated @ avg press of 1701 w/ avg rate of 24.8 BPM. ISIP 1800 psi. Calc DEPTH LANDED: 6117.53' KB HOLE SIZE: 7-7/8" 4261-4272 flush: 4948 gal. Actual flush: 4368 gal. CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ. CEMENT TOP AT: 156' 06-01-07 4261-4272 Frac GB4 sands as follows: 55827# 20/40 sand in 453 bbls Lightning 17 frac fluid. Treated @ avg press of 1508 w/ avg rate of 24.8 BPM. ISIP 1752 psi. Calc flush: 4424 gal. Actual flush: 4326 gal. **TUBING** 4852-4860 SIZE/GRADE/WT.: 2-7/8" / J-55 4878-4884 9-30-08 Pump Change. Updated rod &tubing details. NO. OF JOINTS: 192 jts (5901.99') TUBING ANCHOR: 5913.99' KB **5211-5226** NO. OF JOINTS: 1 its (31,43') SEATING NIPPLE: 2-7/8" (1.10') 5306-5318° SN LANDED AT: 5948.22' KB NO. OF JOINTS: 2 jts (62,97') 5405-5413 TOTAL STRING LENGTH: EOT @ 6012,74' KB Anchor @ 5914' PERFORATION RECORD SUCKER RODS SN 5948' 5968-5988 05-21-07 5968-5988' 4 ISPF 80 holes POLISHED ROD: 1-1/2" x 22' SM 4 JSPF 06-01-07 5405-5413' 32 holes SUCKER RODS: 1-8', 6', 4', x ¼" pony rods, 98- ¼" scrapered rods, 122- ¾" plain rods, 10- ¾" scrapered rods, 6- 1 ½" weight rods. 06-01-07 5306-53183 4 ISPF 48 holes 06-01-07 5211-5226' 4 JSPF 60 holes PUMP SIZE: 2-1/2" x 1-1/2" x 15.5' RHAC w/SM plunger 4878-4884' 4 JSPF 06-01-07 24 holes STROKE LENGTH: 86" 06-01-07 4852-4860' 4 JSPF 32 holes 06-01-07 4261-4272' 4 JSPF 44 holes PUMP SPEED, SPM: 5 SPM EOT @ 6013' NEWFIELD PBTD @ 6097' July . SHOE @ 6118' Federal 11A-9-9-16 TD @ 6125' 1984' FSL & 1980' FWL NE/SW Section 9-T9S-R16E Duchesne Co, Utah

API # 43-013-33050; Lease # UTU-7981

#### FEDERAL 6-9-9-16

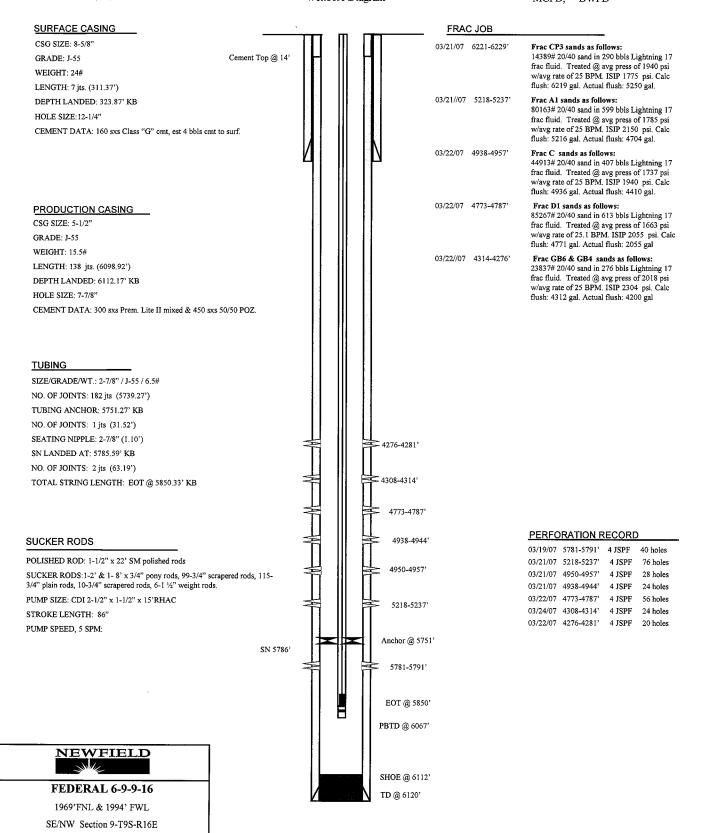
Spud Date: 02/19/07 Put on Production: 03/28/07

Duchesne Co, Utah
API #43-013-32957: Lease # UTU-79833

GL: 5782' KB: 5794'

Wellbore Diagram

Initial Production: BOPD, MCFD, BWPD

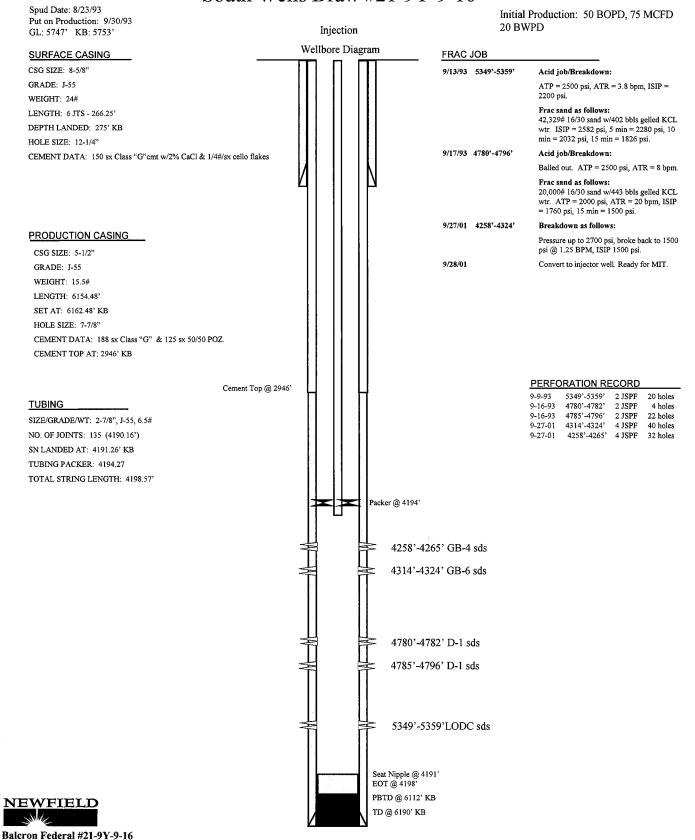


#### Federal 5-9-9-16

Spud Date: 3-19-07 Initial Production: BOPD. Put on Production: 5-02-07 Wellbore Diagram MCFD, BWPD GL: 5789' KB: 5801' SURFACE CASING FRAC JOB CSG SIZE: 8-5/8" 04-30-07 5674-5684 Frac CP1 sands as follows: 20595# 20/40 sand in 297 bbls Lightning 17 GRADE: J-55 frac fluid. Treated @ avg press of 2284 psi Cement top @ 250' WEIGHT: 24# w/avg rate of 25 BPM. ISIP 2085 psi. Calc flush: 5672 gal. Actual flush: 5208 gal. LENGTH: 7 jts (313.01') 04-30-07 5280-53013 Frac A3 sands as follows: DEPTH LANDED: 323,52' KB 65451# 20/40 sand in 520 bbls Lightning 17 HOLE SIZE:12-1/4" frac fluid. Treated @ avg press of 2089 psi w/avg rate of 25 BPM. ISIP 2339 psi. Calc CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf flush: 5278 gal. Actual flush: 4830 gal. 04-30-07 5162-5184' Frac A 1 sands as follows: 110232# 20/40 sand in 778 bbls Lightning 17 frac fluid. Treated @ avg press of 1947 psi w/avg rate of 24.4 BPM. ISIP 2305 psi. Calc flush: 5160 gal. Actual flush: 4704 gal. PRODUCTION CASING 04-30-07 4742-4810' Frac D2, D1 sands as follows: 139780# 20/40 sand in 952 bbls Lightning 17 frac fluid. Treated @ avg press of 1881 w/ avg rate of 25 BPM. ISIP 2123 psi. Calc CSG SIZE: 5-1/2" GRADE: J-55 flush: 4740 gal. Actual flush: 4242 gal. WEIGHT: 15.5# LENGTH: 136 jts. (5912.60') 04-30-07 4190-4262' Frac GB6, & GB4 sands as follows: 8970# 20/40 sand in 218 bbls Lightning 17 DEPTH LANDED: 5910.85' KB frac fluid. Treated @ avg press of 1715 w/ avg rate of 25 BPM, ISIP 1647 psi. Calc HOLE SIZE: 7-7/8" flush: 4189 gal. Actual flush: 4074 gal. 4190-4199 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ. CEMENT TOP AT: 2503 4252-4262 7/1/08 Pump change. Updated rod and tubing detail. 8/10/09 Pump Change. Updated rod & tubing details. Parted rods. Updated rod and tubing detail. 4/1/10 TUBING 4742-4746 SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5# 4755-4764 NO. OF JOINTS: 183 jts (5639.6') 4786-4794 TUBING ANCHOR: 5651.64' KB 4803-4810 NO. OF JOINTS: 1 jts (31.5') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5686.0' KB 5162-51847 NO. OF JOINTS: 1 its (31.60') 5280-52883 5296-5301' TOTAL STRING LENGTH: EOT @ 5719' KB Anchor @ 5652' PERFORATION RECORD SUCKER RODS SN 5686' 5674-5684 04-24-07 5674-5684' 4 JSPF 40 holes POLISHED ROD: 1-1/2" x 22' polished rod 04-30-07 5296-5301' 4 JSPF 20 holes SUCKER RODS: 1-8' x 34" pony rod, 2-8' x 34" pony rods, 1-2' x 34" pony 04-30-07 5280-52883 4 ISPF 32 holes rod, 100-3/" guided rods (4 per), 91-3/" sucker rods, 30-3/" guided rods (4per), 6-13/" weight bars 04-30-07 5162-5184' 4 JSPF 88 holes 04-30-07 4803-4810' 4 JSPF 28 holes PUMP SIZE: 2-1/2" x 1-3/4" x 16' x20' RHAC w/SM plunger 04-30-07 4786-4794' 4 JSPF 32 holes STROKE LENGTH: 86" 04-30-07 4755-4764' 4 JSPF PUMP SPEED, SPM: 5 SPM 04-30-07 4742-4746' 4 JSPF 16 holes 04-30-07 4252-4262' 4 ISPF 40 holes 04-30-07 4190-4199' 4 ISPF 36 holes EOT @ 5719' NEWFIELD PBTD @ 5889 Shirte SHOE @ 6103' Federal 5-9-9-16 TD @ 6125' 2096' FNL & 770' FWL SW/NW Section 9-T9S-R16E Duchesne Co. Utah

API # 43-013-32916; Lease # UTU-79833

#### South Wells Draw #21-9Y-9-16



476 FNL & 2051 FWL NENW Section 9-T9S-R16E Duchesne Co, Utah

API #43-013-31396; Lease #U-65207

#### **FEDERAL W-4-9-16**

Spud Date:-3-4-10 Wellbore Diagram Put on Production: 4-7-10 FRAC JOB GL:5116 'KB:5128' SURFACE CASING 4-6-10 6043-6175 Frac CP5 &BS1 sands as follows: Cement Top @40 Frac with 24346# 20/40 sand in 219bbls CSG SIZE: 8-5/8" Lighning 17. GRADE: J-55 4-6-10 6546-6674' Frac CP5 &CP1 sands as follows: Frac with 14092# 20/40 sand in 130 bbls WEIGHT: 24# Lightning 17 fluid LENGTH:7 jts. (309.57') 4-6-10 5466-5500' Frac LOCD sands as follows: DEPTH LANDED: 322,42 Frac with 60790# 20/40 sand in 382 bbls Lightning 17 fluid HOLE SIZE: 12-1/4" 4-6-10 5049-5121' Frac C, B.5 & B1 sands as follows: CEMENT DATA: 160 sxs Class "G" cmt Frac with 99748# 20/40 sand in 619bbls Lightning 17. 4-6-10 4889-4967 Frac D1&D2 sands as follows: Frac with 50255# 20/40 sand in 320bbls PRODUCTION CASING 4381-4382 Lightning 17 fluid CSG SIZE: 5-1/2" 4-6-10 43814407' Frac GB6sands as follows: Frac with 4386-4389 31761# 20/40 sand in 223bbls GRADE: J-55 Lightning 17 fluid 4400-4407 WEIGHT: 15.5# LENGTH: 145jts. (62.750°) HOLE SIZE: 7-7/8" TOTAL DEPTH: 6292 553 4889-4893 CEMENT DATA: 276sxs Prem. Lite II mixed & 450 sxs 50/50 POZ. CEMENT TOP AT: 40 ' 4955-4957 4964-4967 **TUBING** 5049-5051 SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5# 5084-5086 NO. OF JOINTS187 jts (5876.1') 5094-50983 TUBING ANCHOR:5888.1 ' NO. OF JOINTS 1jts (31.4') 5119-5121' SEATING NIPPLE: 2-7/8" (1.1') 5140-5144' SN LANDED AT:5922.3' KB PERFORATION RECORD NO. OF JOINTS: 1jts 31.5') TOTAL STRING LENGTH: EOT @ 6055' 6170-6175' 3 JSPF 15holes 6050-6052' 3 JSPF 6 holes 6043-6047 3 ISPF 12 holes 5466-5470 5781-5785' 3 JSPF 12 holes SUCKER RODS 5484-5487 5756-5758' 3 JSPF 6 holes POLISHED ROD: 1-1/2" x 30' 5498-5500' 5498-5500' 3 JSPF 6 holes 5484-5487 3 JSPF 9 holes SUCKER RODS: 1 - 2' x 7/8" pony rods,1-4' x7/8 pony rods, 232- 7/8" 8per guided rods, 4- 1 1/2" weight bars. 5466-5470' 3 JSPF 12 holes 5140-5144' 3 JSPF 12 holes PUMP SIZE: 2 1/2 x 1 3/4 x 20'x 24' RHAC 5756-5758 5119-5121' 3 JSPF 6 holes STROKE LENGTH:144 5094-5098' 3 JSPF 12holes 5781-5785' PUMP SPEED: SPM 4 5084-5086' 3 JSPF 6 holes 5049-5051' 3 JSPF 6 holes Anchor @5888 3 4964-4967' 3 JSPF 9 holes SN @ 5922' 4955-4957' 3 JSPF 6holes 6043-6047 4889-4893' 3 JSPF 12 holes 4400-4407 3 JSPF 21 holes 6050-60523 4386-4389' 3 JSPF 9holes EOT @6055 4381-4382' 3 JSPF 3holes 6170-6175 PBTD @ 6247' NEWFIELD TD @6914 ' Federal W-4-9-16

SL: 733'FSL & 1904' FEL (SW/SE) Section 4, T9S, R16E Duchesne Co, Utah API # 43-013-34097;Lease

## ATTACHMENT E-12

#### FEDERAL 8-9-9-16

Spud Date: 03/04/07 Initial Production: BOPD. Put on Production: 05/11/07 Wellbore Diagram MCFD, BWPD GL: 5721' KB: 5733' FRAC JOB SURFACE CASING CSG SIZE: 8-5/8" 04/12/07 5922-5931 Frac CP5 sands as follows: 14948# 20/40 sand in 271 bbls Lightning 17 GRADE: J-55 frac fluid. Treated @ avg press of 1920 psi WEIGHT: 24# Cement Top @ 42' w/avg rate of 25.1 BPM. ISIP 1840 psi. Calc flush: 5920 gal. Actual flush: 5376 gal. LENGTH: 7 jts. (313.01') Frac A3 sands as follows: 40548# 20/40 sand in 382 bbls Lightning 17 04/12/07 5248-5256 DEPTH LANDED: 323.91' KB HOLE SIZE:12-1/4" frac fluid. Treated @ avg press of 1973 psi w/avg rate of 25.1 BPM. ISIP 2075 psi, Calc CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf. flush: 5246 gal. Actual flush: 4742 gal. 04/12/07 5060-5072' Frac B2 sands as follows: 90627# 20/40 sand in 659 bbls Lightning 17 frac fluid. Treated @ avg press of 2804 psi w/avg rate of 25.4 BPM. ISIP 3544 psi. Calc flush: 5058 gal. Actual flush: 4553 gal. 04/12/07 4772-4780 Frac D1 sands as follows: PRODUCTION CASING 124470# 20/40 sand in 856 bbls Lightning 17 frac fluid. Treated @ avg press of 2033 psi CSG SIZE: 5-1/2" w/avg rate of 25 BPM. ISIP 2150 psi. Calc GRADE: J-55 flush: 4770 gal. Actual flush: 4242 gal WEIGHT: 15.5# 04//3/07 4496-45023 Frac PB10 sands as follows: LENGTH: 139 jts. (6116.90') 14785# 20/40 sand in 235 bbls Lightning 17 frac fluid. Treated @ avg press of 2026 psi w/avg rate of 14.6 BPM. ISIP 2160 psi. Calc DEPTH LANDED: 6130,15' KB HOLE SIZE: 7-7/8" flush: 4494 gal. Actual flush: 3990 gal CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ. 04/13/07 4200-4207 Frac GB2 sands as follows: 32559# 20/40 sand in 313 bbls Lightning 17 CEMENT TOP: 423 frac fluid. Treated @ avg press of 2966 psi w/avg rate of 25.1 BPM. ISIP 4000 psi. Calc flush: 4198 gal. Actual flush: 3658 gal TUBING SIZE/GRADE/WT .: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 177 jts (5842.02') TUBING ANCHOR: 5854.02' KB NO. OF JOINTS: 1 jts (33.00') SEATING NIPPLE: 2-7/8" (1.10') 4200-4207 SN LANDED AT: 5889.82' KB NO. OF JOINTS: 2 jts (65.93') 4496-4502' TOTAL STRING LENGTH: EOT @ 5957.30' KB 4749-47593 PERFORATION RECORD SUCKER RODS 4772-4780' 04/04/07 5922-5931' 4 ISPF 36 holes POLISHED ROD: 1-1/2" x 26' SM polished rods 04/12/07 5248-5256' 4 JSPF 5060-5072' SUCKER RODS: 99-7/8" scrapered rods, 110-3/4" plain rods, 20-3/4" 04/12/07 5060-5072' 4 JSPF 48 holes scrapered rods, 6-1 1/2" weight rods. 04/12/07 4772-4780' 4 JSPF 32 holes PUMP SIZE: CDI 2-1/2" x 1-3/4" x 19.5 'RHAC 04/12/07 4749-4759' 4 JSPF 40 holes 5248-5256 STROKE LENGTH: 120" 04/13/07 4496-4502' 4 JSPF 24 holes 04/13/07 4200-4207' 4 JSPF 28 holes PUMP SPEED, 5 SPM: Anchor @ 5854' SN 5890' 5922-5931' EOT @ 5957' PBTD @ 6084' NEWFIELD Shirte SHOE @ 6130' **FEDERAL 8-9-9-16** TD @ 6125' 1773'FNL & 666' FEL SE/NE Section 9-T9S-R16E Duchesne Co, Utah

API #43-013-32918; Lease # UTU-65207

Put on Production: 12/18/65 Cumulative Production

> 9891 BO 14160 MCF

> > 0 BW

Castle Peak Unit #10

Spud Date: 11/20/65 P&A'd: 5-22-74

GL: 5791' KB: 5801'

Per State of Utah-DOGM records, this well was drilled by Diamond Shamrock. Current status on file is P&A'd.

NEWFIELD

Castle Peak Unit #10

1600 FSL 1986 FEL NWSE Section 9-T9S-R16E Duchesne Co, Utah API #43-013-15788; Lease #U-017985

P & A Wellbore Diagram 10 Sx Cement plug in top of Surface Casing 40 Sx Cement plug from 172'-272' 40 Sx Cement plug from 1128'-1228' 40 Sx Cement plug from 3600'-3500' 40 Sx Cement plug from 4180'-4280' Prod Interval: 4288'-5586' TD @ 5690'

CNC DENVER 5/21/07

ATTACHMENT

ACHMEN

multi-che

Sample ID: WA-42896



#### Multi-Chem Group, LLC

Multi-Chem Analytical Laboratory 1553 East Highway 40 Vernal, UT 84078

#### **Water Analysis Report**

Production Company: NEWFIELD PRODUCTION (158)

Well Name: South Wells Draw 7-9-9-16

Sample Point: Tank
Sample Date: 6 /21/2010
Sales Rep: Randy Huber
Lab Tech: John Keel

Sample Specifi	cs
Test Date:	6/25/2010
Temperature (°F):	140
Sample Pressure (psig):	0
Specific Gravity (g/cm³):	1.0040
pH:	7.1
Turbidity (NTU):	-
Calculated T.D.S. (mg/L)	15161
Molar Conductivity (µS/cm):	22972
Resitivity (Mohm):	0.4353

Cations	mg/L	Anions	mg/L
Calcium (Ca):	2.40	Chloride (CI):	3000.00
Magnesium (Mg):	1.40	Sulfate (SO <sub>4</sub> ):	46.00
Barium (Ba):	7.60	Dissolved CO <sub>2</sub> :	-
Strontium (Sr):	-	Bicarbonate (HCO <sub>3</sub> ):	7381.00
Sodium (Na):	4718.00	Carbonate (CO <sub>3</sub> ):	
Potassium (K):	-	H <sub>2</sub> S:	5.00
Iron (Fe):	0.04	Phosphate (PO <sub>4</sub> ):	-
Manganese (Mn):	0.01	Silica (SiO <sub>2</sub> ):	
Lithium (Li):	_	Fluoride (F):	
Aluminum (AI):	-	Nitrate (NO <sub>3</sub> ):	
Ammonia NH <sub>3</sub> :		Lead (Pb):	_
· ·		Zinc (Zn):	
		Bromine (Br):	-
		Boron (B):	

			Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl													
Test	Conditions	Calcium Carbonate CaCO 3		Gyps		Calcium		Strontium Sulfate		Barium S		Calculated				
Temp	Gauge Press.	Cac	O 3	CaSO <sub>4</sub> -	2H <sub>2</sub> O	CaS	O 4	SrS(	)4	BaSC	)4	CO <sub>2</sub>				
°F	psi	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi				
140	0	0.20	-6.44	0.00	-2175.20	0.00	-2131.50	- 1		3.64	9.01	14.64				
80	0	0.13	-11.71	0.00	-16.44	0.00	-2826.30	- 1		12.15	11.71	6.67				
100	0	0.16	-9.52	0.00	-12.18	0.00	-2663.30	-	-	7.96	11.09	8.31				
120	0	0.18	-7.83	0.00	-9.05	0.00	-2419.90	-	-	5.33	10.21	9.33				
140	0	0.20	-6.45	0.00	-6.70	0.00	-2131.70	-	-	3.64	9.01	10.52				
160	0	0.21	-5.33	0.00	-4.97	0.00	-1828.40	-	-	2.53	7.40	11.89				
180	0	0.22	-4.45	0.00	-3.72	0.00	-1532.50	-	-	1.79	5.29	13.10				
200	0	0.23	-3.77	0.00	-2.82	0.00	-1258.90	- 1	-	1.29	2.59	13.30				
220	2.51	0.23	-3.30	0.00	-2.21	0.00	-1027.80	-	-	0.92	-1.04	13.50				
240	10.3	0.23	-2.91	0.00	-1.75	0.00	-817.85	- 1	-	0.67	-5.26	13.75				
260	20.76	0.23	-2.63	0.00	-1.43	0.00	-641.40	-	-	0.50	-10.32	14.03				
280	34.54	0.23	-2.43	0.00	-1.20	0.00	-496.45	-	_	0.38	-16.29	14.32				
300	52.34	0.23	-2.30	0.00	-1.04	0.00	-379.50	- 8	A	0.29	-23.25	14.64				

Conclusions:

Calcium Carbonate Scaling Index is negative from 80°F to 300°F

Gypsum Scaling Index is negative from 80°F to 300°F

Calcium Sulfate Scaling Index is negative from 80°F to 300°F

Strontium Sulfate scaling was not evaluated

Barium Sulfate NO CONCLUSION

Notes:

Multi-Chem Production Chemicals Friday, June 25, 2010

ATTACHMENT F

Multi-Chem Group, LLC

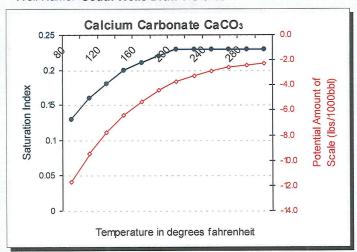
Multi-Chem Analytical Laboratory 1553 East Highway 40 Vernal, UT 84078

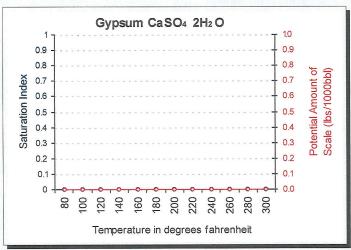


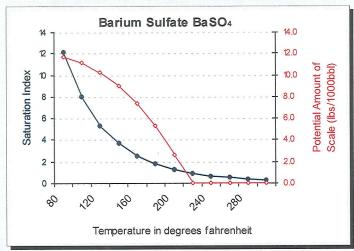
#### **Scale Prediction Graphs**

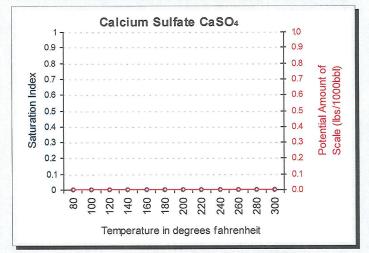
Well Name: South Wells Draw 7-9-9-16











## ATTACHMENT F

multi-chem

Sample ID: WA-35269

#### Multi-Chem Group, LLC

Multi-Chem Analytical Laborator 1553 East Highway 40 Vernal, UT 84078

#### Water Analysis Report

Production Company: NEWFIELD PRODUCTION (158)

Well Name: SOUTH WELLS DRAW INJ

Sample Point: Tri-plex suction
Sample Date: 1 /5 /2010
Sales Rep: Randy Huber
Lab Tech: John Keel

Sample Specific	cs
Test Date:	1/5/2010
Temperature (°F):	100
Sample Pressure (psig):	0
Specific Gravity (g/cm³):	1.0080
pH:	8.5
Turbidity (NTU):	
Calculated T.D.S. (mg/L):	14518
Molar Conductivity (µS/cm):	21997
Resitivity (Mohm):	0.4546

Cations	mg/L	Anions	mg/L
Calcium (Ca):	40.00	Chloride (CI):	7000.00
Magnesium (Mg):	48.80	Sulfate (SO 4):	347.00
Barium (Ba):	3.00	Dissolved CO <sub>2</sub> :	
Strontium (Sr):	-	Bicarbonate (HCO 3):	1854.00
Sodium (Na):	5221.00	Carbonate (CO 3):	-
Potassium (K):	-	H <sub>2</sub> S:	2.00
Iron (Fe):	2.29	Phosphate (PO <sub>4</sub> ):	
Manganese (Mn):	0.18	Silica (SiO <sub>2</sub> ):	-
Lithium (Li):	-	Fluoride (F):	
Aluminum (AI):	•	Nitrate (NO <sub>3</sub> ):	-
Ammonia NH <sub>3</sub> :		Lead (Pb):	
		Zinc (Zn):	
		Bromine (Br):	-
		Boron (B):	

			Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl													
Test	Conditions	Calcium Ca		Gyps		Calcium		Strontium		Barium S		Calculated				
Temp	Gauge Press.	CaC	O <sub>3</sub>	CaSO <sub>4</sub>	· 2H <sub>2</sub> O	CaSO <sub>4</sub>		SrSO <sub>4</sub>		BaSO <sub>4</sub>		CO <sub>2</sub>				
8 <b>F</b>	psi	Sat Index	Seale	Sat Index	Seale	Sat Index	Seale	Sat Index	Seale	Sat Index	Seale	psi				
100	0	18.63	61.28	0.01	-2464.50	0.00	-2627.60	- 1	-	19.57	4.84	0.12				
80	0	14.85	60.19	0.01	65.24	0.00	-2798.30	- 1		29.93	4.93	0.07				
100	0	18.63	61.28	0.01	76.56	0.00	-2627.60	-	-	19.57	4.84	0.08				
120	0	21.65	59.58	0.01	82.61	0.01	-2371.20	-	-	13.09	4.71	0.09				
140	0	23.90	57.39	0.01	. 83.93	0.01	-2066.00	v _		8.93	4.52	0.10				
160	0	25.14	55.68	0.01	81.37	0.01	-1744.20	- (	-	6.21	4.27	0.11				
180	0	25.30	54.75	0.01	76.58	0.01	-1430.50	-		4.39	3.93	0.12				
200	0	24.51	54.39	0.01	70.28	0.02	-1141.40	-		3.14	3.46	0.12				
220	2.51	22.80	54.08	0.01	62.89	0.03	-898.26	-	-	2.22	2.79	0.12				
240	10.3	20.78	51.88	0.01	53.89	0.04	-678.18	-		1.62	1.93	0.12				
260	20.76	18.51	46.86	0.01	45.00	0.07	-494.29	- 3	-	1.19	0.80	0.12				
280	34.54	16.19	40.18	0.02	37.07	0.11	-344.07	- 1	-	0.88	-0.70	0.12				
300	52.34	13.94	33.58	0.02	30.34	0.19	-223.92	- 8	-	0.65	-2.65	0.12				

Conclusions:

Notes:

Calcium Carbonate scale is indicated at all temperatures from 80°F to 300°F Gypsum Scaling Index is negative from 80°F to 300°F Calcium Sulfate Scaling Index is negative from 80°F to 300°F Strontium Sulfate scaling was not evaluated

Barium Sulfate NO CONCLUSION

**Multi-Chem Production Chemicals** 

Thursday, January 07, 2010

Ethics

Commitment

Page 1 of 2

## ATTACHMENT F

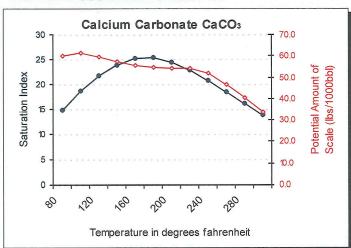
Multi-Chem Group, LLC

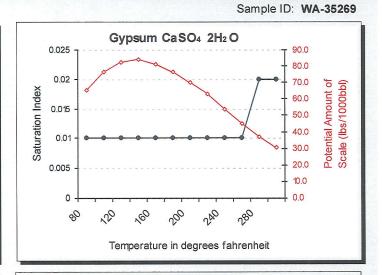
Multi-Chem Analytical Laborator 1553 East Highway 40 Vernal, UT 84078

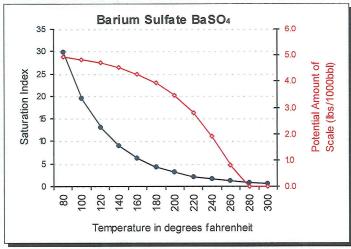


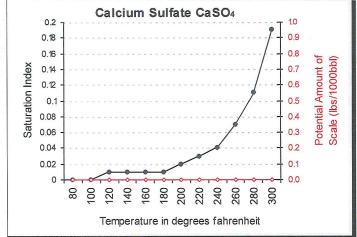
#### **Scale Prediction Graphs**

Well Name: SOUTH WELLS DRAW INJ









**Attachment "G"** 

# South Wells Draw Federal 7-9-9-16 Proposed Maximum Injection Pressure

Frac I	Interval			Calculated Frac	
(fe	eet)	Avg. Depth	ISIP	Gradient	
Top	Bottom	(feet)	(psi)	(psi/ft)	Pmax
5353	5359	5356	2413	0.88	2378
5264	5278	5271	2120	0.84	2086
4808	4817	4813	2140	0.88	2109
4312	4324	4318	1918	0.88	1890 ←
				Minimum	1890

Calculation of Maximum Surface Injection Pressure

Pmax = (Frac Grad -(0.433\*1.015)) x Depth of Top Perf where pressure gradient for the fresh water is .433 psi/ft and specific gravity of the injected water is 1.015.

Frac Gradient = (ISIP +(0.433\*Top Perf.))/Top Perf.

**Please note:** These are existing perforations; additional perforations may be added during the actual conversion procedure.



# ATTACHMENT G-1

Day: \_\_1\_

#### DAILY COMPLETION REPORT

Report Date: 8-Jun-07

Ope	ration:	· <u>'</u>	Completion					Rig:	Rigless	
			·		WELL S	TATUS				
Surf Csg:	8 5/8	@	314'	Pr	od Csg:		@	6129'	Csg PBTD:	6049' WL
Tbg:	Size:		Wt:	Gro	l:	Pkr/E	ОТ @:		BP/Sand PBTD:	
				PER	FORATIO	ON RECOR	RD			
<u>Zone</u>			<u>Perfs</u>	SPF/#sho			one		<u>Perfs</u>	SPF/#shots
	_				<del></del>					
LODC	-	5353-	5359'	4/24	_					
									-	
					OLOGICA	L OPERA	<u>TIONS</u>			
Date Worl	( Perfo	rmed:	<u>7-Ju</u>	<u>n-07</u>				SITP:	SICP:	0
ritari) W/ 4	3pi 10i	total c	of 24 shots. 14	H DWIIN. O	ii iv.					
П										
				El III	D BECOV	/ERY (BBL	6)			
Starting flu	id load	to be a	ecovered:	144		g oil rec to				
Fluid <u>lost</u> /r	ecover	ed toda	ny:	)	Oil lost	recovered	today:			
Ending flui				14 FD:		il recovered	_	Florid Date		- 22 4-
IFL:	<del></del>	_		ΓP:	Choke: _		- Finai	Fluid Rate:		oil cut:
	_	•	<u>STIMULATION</u>						COSTS	<b>.</b>
Base Fluid	used:		J	ob Type:					erford BOP	\$450
Company:			detelle				_		PC NU crew	\$300
Procedure	or Equ	ipment	detaii:				-		OSI trucking	\$800
									orators LLC	\$5,322
									Drilling cost	\$292,821
									D&M hot oil	\$420
									preparation	\$300
									PC wellhead	\$1,500
									co - anchors	\$1,200
									n. Overhead	\$3,000
								NPC	Supervisor	\$300
			Rate:					<del></del>		
Avg TP: ISIP:			κατe: min:	Total Pro <sub>l</sub> 10 min:		min:		DAILY C	OST	\$306,413
			isor: Orso		'				ELL COST:	\$306,413



# ATTACHMENT G-1

20f9

# DAILY COMPLETION REPORT

WELL NAME	<u>:</u> SWD 7-9	-9-16	R	eport Date:	14	-Jun-0/		Day: <u>2a</u>
Operation	: Completion					Rig: _	Rigless	<u> </u>
			WELL S	TATUS				
Surf Csg: 8 5/8	3' @ 314 <b>'</b>	F	Prod Csg:		@	6129'	Csg PBTI	D: 6049' WL
Tbg: Size			d:	Pkr/E0	οT @:		BP/Sand PBT	
		DEI	DEODATI	ON BECOBE				
<u>Zone</u>	<u>Perfs</u>	SPF/#sh		ON RECORE Zoi	_	F	Perfs	SPF/#shots
						· <del></del>		
LODC	5353-5359'	4/24						
LODC	5353-5359	4124				· -		
		CHRON	IOLOGICA	AL OPERAT	IONS			
Date Work Perf	ormed: 13-J	un-07				SITP:	SICI	P: <u>270 psi</u>
Day 2a.								
		FLU	IID RECO	VERY (BBLS	3)			
Starting fluid loa	d to be recovered:	144		g oil rec to d				
Fluid lost/recove	_	263		t/recovered t				
Ending fluid to b		107		il recovered:				
IFL:	_ FFL: F	TP:	Choke: _		Fina	I Fluid Rate: _	Fina	ıl oil cut:
	STIMULATIO	N DETAIL					COSTS	
Base Fluid used:	Lightning 17	Job Type:	Sand	l frac		BJ Servi	ces-LODC	\$17,504
Company:	BJ Services					CD wtr	& trucking	\$280
Procedure or Eq	uipment detail:	LO	DC sands	<u> </u>		N	PC fuel gas	\$44
546 gals to	o breakdown & get cr	osslink				Weatherford	tools/serv	\$1,250
1500 gals	of pad					NP	C trucking	\$300
1149 gals	W/ 1-4 ppg of 20/40	sand				NPC s	upervision	<b>\$75</b>
2471 gals	W/ 4-6.5 ppg of 20/4	0 sand						
Flush W/	504 gals of 15% HCL	acid						
Flush W/ 4	4889 gals of slick wat	er						-
			at -					
	lled @ blenderinclud		•					
	4 Max Rate: 24.9 B B Avg Rate: 24.8 B		-	263bbls 14,566#'s				
ISIP: 241		10 min:	op pilipu	FG: .88		DAILY CO	OST:	\$19,453
Completion		on Barney		<u> </u>		TOTAL WE		\$325,866
•								



## ATTACHMENT G-1 30f9

#### **DAILY COMPLETION REPORT**

WELL NAME:			SWD 7-9-9-16			Report Date: 14-Jun-07					07	_			Day:	2b		
Opei	ration:		Co	mpletio	on								Rig:		Rig	jless		
							W	ELL S	TATU	<u>s</u>								
Surf Csg:	8 5/8'	@		314'	_		Prod	Csg:_	5 1/	2"	@ .	612	29'	_	Csg	PBTD:	6049	'WL
Tbg:	Size: _			Wt	:		Grd: _			Pkr/E0	OT @:			_ <u>BP</u> /	Sand	PBTD:	53′	15'
						PI	ERFO	RATIO	ON RE	CORI	<u>D</u>							
<u>Zone</u>			<u>Pe</u>	<u>rfs</u>		SPF/#shots Zor			ne <u>Perfs</u>			SPF/#	<u>shots</u>					
					_				-							_		
A3 sds		5264	1-52	78'	-	4/56	<del></del>		-			•				-		
LODC	- 3	5353	3-53	59'		4/24			_			•				_		
	-				_				_							_		
						CHRO	NOL	OGICA	AL OP	ERAT	<u>IONS</u>							
Date Work	Perfo	med	d:	1	3-Jun	-07							SITP:			SICP:	438	psi
Day 2b.																		
RU Lone												-			_	-	-	
plug @ 531																		
RU BJ Ser 2589 psi.														-	_			_
Stage #3.													u 504	yais	01 13	70 TICL	_ 111 110	1311 101
<b>3</b>	, _ ,	-									,							
						FL	UID F	RECOV	/ERY	(BBL	S)							
Starting flui	id load	to be	e rec	overed:	4	107 <u></u>		Startin			_					_		
Fluid <u>lost</u> /re			-		633			Oil lost								_		
Ending fluid		reco FFL		ed:	1040 FTP:			Cum oi noke:	il recov	vered:		Fluid	Pata:			_ Final c	sil out	
<u></u>		FFL			<del>-</del>			ioke			FIIIAI	riuiu	nate.			_	m cut.	
B El 14		1 :-	-	IMULA				0	£				D.1.	_	COST		Φ4-	7 440
Base Fluid Company:	_	LIQ IJ Se			_ Job	Type: _		Sand	Trac					Service r & tru		_		7,416 1,560
Procedure					-		A3 sa	ande			•			NPC fu		_		\$244
riocedule				own & g	et cros		<u> </u>	anus				\Meatl		d tools		_		2,450
6400	gals of			own a g	<u> </u>	3311111						vvcati		ne Wo		_		4,606
<u> </u>	<u></u>			g of 20/	40 san	nd								super		_	Ψ	\$75
				g of 20/-									141 0	Super	VISIOI	<u>.</u>		Ψίσ
				of 20/40												_		
				f 15% H												<del></del>	* *	
				of slick v		<u> </u>										<del>-</del>		
				derinc		2 hhis n	ump/l	ine vol	ume**							_		
Max TP:									633 k	bls						_		
Avg TP:						_	-	_	_		•					_		
-	2120	_	5 mi			_ 0 min: _		_	FG:		•	DA	ILY C	OST:		<del>-</del>	\$26	3,351
Comple	tion S	ıper	vis	or: (	Orson	Barney	,		_			TOTA	AL W	ELL C	OST:	:	\$352	2,217



# ATTACHMENT G-1

#### **DAILY COMPLETION REPORT**

WELL NAME: SWD 7-9-9-16					Re	port Date	: 14	-Jun-07	_		Day:	2c
Оре	ration:	Complet	ion					Rig:	Rig	less		
				WE	LL S	TATUS						
Surf Csg:	8 5/8'	@314'		Prod (	Csg:_	5 1/2"	_ @	6129'	Csg	PBTD:	6049	WL_
Tbg:	Size:		/t:	_Grd: _		Pkr/E	ОТ @:		BP/Sand			10'
				DEDEO	DATIC	ON RECOR	חס			BP:	5315'	
Zone		Perfs	SPF	/#shots	VAIIC		one סחפ		Perfs		SPF/#	shots
	_									_		
D1 sds		4808-4817'	4/36							_		
A3 sds	_	5264-5278'	<u>4/56</u>					<u> </u>		_		
LODC	-	5353-5359'	<u>4/24</u>	<u> </u>		-				-		
	-			PONOL O	CICA	L OPERA	TIONE			_		
Date Worl	. Parfo	rmed:	13-Jun-07	CONOLO	GICA	L OPERA	IIONS	SITD.		SICD.	1470	nei
	( F GIIO		13-3411-07	_				JIII.		SICF.	1470	psi
Day 2c.	\	V/I T. anama (2 lv)	beisster DII	l / \ \ / a a .	41a a mEa	nd E 4/01/E	l/	aaita flass t	hana wala ƙasa		01	æ
		VLT, crane & lu '. Perforate D1							-		-	-
		ervices. 1470 p										
		si. Treated w/ a										
flush for St	tage #4	l. ISIP 2140 ps	i. Leave pres	ssure on	well.	1613 BWT	R. See	Day 2d.				
				FLUID R	ECOV	/ERY (BBL	.S)					
Starting flu	id load	to be recovered		_ s	tarting	g oil rec to	date:			_		
Fluid lost/r			573			recovered				_		
Ending flui		recovered:	1613 FTP:		ium oi oke:	I recovered		Fluid Rate:		_ Final c	vil out:	
11 L.					OKE		FIIIai	riuiu Nate.		-	л си. <u>.</u>	·
			ATION DETA						COST			
		Lightning 17	Job Type	):	Sand	trac	_		Services-D1			5,555
Company:		BJ Services		54	_			· · · · · ·	tr & trucking	_		1,360
Proce <u>dure</u>	or Equ	ipment detail:		D1 sa	<u>nds</u>		-	****	NPC fuel gas	_		\$213
									d tools/serv	_		2,450
<u>5800</u>	gals o	f pad						Lo	ne Wolf WL		\$2	2,961
3944	gals V	V/ 1-5 ppg of 20	0/40 sand					NPC	supervision	<u> </u>		<u>\$75</u>
7872	gals V	V/ 5-8 ppg of 20	0/40 sand							_		
1662	gals V	V/ 8 ppg of 20/4	10 sand							_		
Flus	h W/ 50	04 gals of 15% l	HCL acid									
Flusi	h W/ 42	284 gals of slick	water				<del></del>			_		
**Flu	sh call	ed @ blenderin	cludes 2 bbls	s pump/lii	ne vol	ume**				_		
		Max Rate: 24								_		
		Avg Rate: 24		_			<u> </u>			_		
ISIP	2140	5 min:	10 mir	n:	_	FG: <u>.88</u>	_	DAILY C	OST:		\$22	2,614
Comple	etion S	unervisor:	Orson Barr	nev		-		TOTAL W	FLL COST		\$374	1 831



## ATTACHMENT G-1 50+9

Rig: Rigless

Day: 2d

#### **DAILY COMPLETION REPORT**

SWD 7-9-9-16

Completion

Report Date: 14-Jun-07

WELL NAME:

Operation:

				WELL ST	TATUS				
Surf Csg: 8	3 5/8' @	314'	F	Prod Csg:	5 1/2"	@	6129'	Csg PBTD:	6049' WL
	Size:	Wt:	Gr	rd:	Pkr/E	от @: _		BP/Sand PBTD:	4430'
						_		BP: 491	0', 5315'
7	D-	<b>c</b>	· ·		N RECORI	_		Doufo	CDE#
<u>Zone</u> GB4 sds	<u>Pe</u> 4312-43		<u>SPF/#sh</u> 4/48	ots	<u>Zo</u>	<u>ne</u>		<u>Perfs</u>	SPF/#shots
D1 sds	4808-48		4/36	<del></del>					<u> </u>
A3 sds	5264-52		4/56						
LODC	5353-53	59'	4/24						
				<del></del>			<del></del>	<del></del>	
			CHRON	IOLOGICA	L OPERAT	<u>IONS</u>			
Date Work F	Performed:	13-Ju	<u>n-07</u>				SITP:	SICP:	830 psi
gun. Set plu of 48 shots. fluid. Broke	g @ 4430'. F RU BJ Servi @ 3787 psi.	erforate GB4 ces. 830 ps Treated w	4 sds @ 43 i on well. / ave pres	312- 24' w/ Frac GB4 ssure of 16	3-1/8" Slick sds w/ 48,2 392 psi @	c Guns 21#'s of ave_rat	(.43"HE, 2 20/40 sar te of 24.8	w through frac plu 23 gram, 90°) w/ 4 nd in 406 bbls of BPM. ISIP 1918 in well. Rec. 204	4 spf for tota Lightning 17 3 psi. Begir
			FLU	ID RECOV	ERY (BBL	<u>S)</u>			
_	load to be rec		1613	-	g oil rec to d	_			
***************************************	overed today:	20:			recovered 1	-			
IFL:	to be recovere FFL:	d:181 FTI		Cum on	I recovered:	_	Fluid Rate:	Final	oil cut:
							Tura reacc.		
		IMULATION						COSTS	
	sed: Lightn		ob Type:	Sand	frac			ervices-GB4	\$14,739
Company: _	BJ Servi	ces				_		r & trucking	\$1,360
Procedure or	Equipment de	etail:	<u>G</u>	B4 sands		_		NPC fuel gas	\$125
						<u> </u>	<u>Veatherfor</u>	d tools/serv	\$2,450
3600 g	als of pad						Lo	ne Wolf WL	\$3,948
2819 g	als W/ 1-5 pp	g of 20/40 sa	and				NPC	supervision	\$75
6379 g	als W/ 5-8 pp	g of 20/40 sa	and			_	Unichen	n chemicals	\$400
	W/ 4246 gals						NPC sfo	equipment	\$130,000
	· · · · · · · · · · · · · · · · · · ·					_		elding/labor	\$19,500
						-		s pit reclaim	\$1,800
May TD: 1	I911 Max Rat	o. 24 9 BDI	M Total flu	id nmnd:	406 bbls	-		wtr disposal ion cleanup	\$4,000 \$300
Avg TP: 1	<del></del>	e: 24.8 BPI		· · · —	48,421#'s	-		PC flowback	\$300
ISIP: 1			10 min:	op pilipu	FG: .88	_	DAILY C		\$178,997
	ion Superviso	<del></del>	n Barney		. 0. 100	•		ELL COST:	\$553,828
Completi	on ouperviso	J	Darney				IVIAL W		Ψ000,020



# ATTACHMENT G-1

60f9

#### **DAILY COMPLETION REPORT**

WELL NAME:		SWD 7-9-9-16			Re	port Date:	15	-Jun-07	_		Day:	3
Ope	ration:	Com	pletion		•			Rig:	Wes	tern #2		
	-			W	/ELL S	<u> </u>						
Surf Csg: Tbg:	8 5/8' Size:	@3	14' 	Proc Grd:	d Csg: _	5 1/2" Pkr/E	_ @ OT @:	6129'	BP/Sand		443	30'
				DEDE	ODATIC	N DECOD	n			3P: 491	0', 531	<u>5'                                    </u>
Zone		Perfs	:	SPF/#shots		N RECOR	กe		<u>Perfs</u>		SPF/#	shots
GB4 sds	_	4312-4324	-	4/48	_					_		
D1 sds	_	4808-4817		4/36	-					_		
A3 sds LODC	_	5264-5278 5353-5359		4/56 4/24	-					-		
LODG	_	3333-3333		4/24	-			APPLICATION		_		
	_			CHRONOL	.OGICA	L OPERAT	IONS					
Date Worl	< Perfo	rmed:	14-Jւ	un-07	0.0			SITP:		SICP:	1150	) psi
146 jts of j wtr. RU up	2 7/8 J powe	-55 tbg, Ta r swivel. S to be recov	igged plug IWFN 189		RECOV		Γ @ 42 S) date:	235'. Circul				
-		recovered:		95	Cum oi	I recovered	:					
IFL:		FFL:	F1	ΓP: <u> </u>	hoke: _		- Final	Fluid Rate:		_Final o	oil cut:	
		STIN	MULATIO	N DETAIL					cos	<u>rs</u>		
Base Fluid	used:		J	ob Type:			-		estern rig #2			4,570
Company:								Weath	nerford BOF	_		\$225
Proce <u>dure</u>	or Equ	ipment deta	uil:				_		D&M hot o			\$320
							_	Weatherfor	d tools/ser	<u>/</u>	\$2	2,450
							_	Perf	orators LLC	2	\$2	2,430
							_	NPC	supervision	<u>1</u>		\$300
							_	NI	OSI trucking	<u> </u>		\$400
<del></del>							_	NPC w	tr & trucking	2		\$400
								Е	&L J-55 tb	1	\$34	4,514
							<del></del>	Mt We	st sanitatior	<u>1</u>		\$300
							_	Nabors p	ower swive	<u>: </u>		\$750
				Total fluid p				Circ h	ead rubbers	<u>s</u> _		\$475
Avg TP				Total Prop			_				<b>.</b>	
ISIP				10 min:	-	FG:	-	DAILY			•	7,134
Comple	etion S	upervisor	Orse	on Barney	_			TOTAL W	ELL COST	: <u></u>	\$600	0,962



# ATTACHMENT G-1

Day: 4

#### DAILY COMPLETION REPORT

Report Date:

16-Jun-07

SWD 7-9-9-16

**WELL NAME:** 

Ope	ration:	Comp	letion						Rig:	Wes	tern #2	2
					<u> </u>	ELL STA	TUS					
Surf Csg:		@ <u>31</u>	4'		Proc	l Csg:	5 1/2"	_ @ _	6129'	Csg	PBTD:	6087'
Tbg:	Size:	2 7/8"	Wt:	6.5#	Grd:	J-55	Pkr/E	OT @: _	6016'	BP/ <u>Sand</u>	PBTD:	6087'
				ı	PERFO	DRATION	RECOR	RD.				
Zone		<u>Perfs</u>		_	#shots			one		Perfs		SPF/#shots
GB4 sds	43	12-4324		4/48								
D1 sds		08-4817'		4/36								
A3 sds		64-5278'		4/56		•						
LODC		53-5359'		4/24				· · · · · ·			_	
	<del>-</del>	-		CHR	ONOL	OGICAL	OPERA	TIONS				
Date Work	Perform	ned:	15-J	<u> </u>					SITP:		SICP:	0 psi
Hot oiler	heated &	traneferr	ad 160	bble of oi	- il from	flat tank	to tank t	41 One	si on well	Drill out ki	 iii nlua	@ 4280', 18
												lled up in 27
			_						~ ~	•	•	Tagged sand
-	_			•				_		•		o equipment
_			_					-	-			oke. Turned
well over to	o pumper	@ 4:30 F	PM. Tra	ansferred	a tota	l of 290 b	bls of oil	l to tank	#1. Reco	vered a tot	al of 85	5 bbls of wtr
SIWFN 18	10 BWTF	₹.										
				<u>F</u>	LUID	RECOVE	RY (BBL	<u>.S)</u>				
Starting flu		be recove	ered:	1895		Starting of	ail roc to	data	4	)		
Fluid lost/re			_		_	_		_			_	
		_		85	- -	Oil lost/re	ecovered	today: _	29	90	_	
Ending flui	d to be re	covered:	1	85 810	- - 	Oil lost/re Cum oil r	ecovered	today: _ l: _	29 29		- - 	
Ending flui	d to be re	_	1	85	- - - c	Oil lost/re	ecovered	today: _ l: _	29	90	_ _ Final (	oil cut:
IFL:	d to be re	covered: _ FL:	1: F <u></u> JLATIC	85 810 TP: ON DETAI	<u>L</u>	Oil lost/re Cum oil r	ecovered	today: _ l: _	29 29 Fluid Rate:	00 00 <u>COS</u> 1	<u>-</u> <u>гѕ</u>	<del></del>
IFL:	d to be re	covered: _ FL:	1: F <u></u> JLATIC	85 810 TP:	<u>L</u>	Oil lost/re Cum oil r	ecovered	today: _ l: _	29 29 Fluid Rate: We	90 90 <u>COS</u> 1 estern rig #2	<u>-</u> Г <b>S</b> 2	\$4,751
IFL:	d to be re	covered: _ FL:	1: F <u></u> JLATIC	85 810 TP: ON DETAI	<u>L</u>	Oil lost/re Cum oil r	ecovered	today: _ l: _	29 29 Fluid Rate: We	00 00 <u>COS</u> 1	<u>-</u> Г <b>S</b> 2	<del></del>
IFL:	d to be re F used:	covered: _ FL: STIMU	1: F ULATIO	85 810 TP: ON DETAI	<u>L</u>	Oil lost/re Cum oil r	ecovered	today: _ l: _	29 29 Fluid Rate: We	90 90 <u>COS</u> 1 estern rig #2	<u>Γ<b>S</b></u> 2	\$4,751
Base Fluid	d to be re F used:	covered: _ FL: STIMU	1: F ULATIO	85 810 TP: ON DETAI	<u>L</u>	Oil lost/re Cum oil r	ecovered	today: _ l: _	29 29 Fluid Rate: We Weath	COST estern rig #2 erford BOF	<u>rs</u> 2	\$4,751 \$225
Base Fluid	d to be re F used:	covered: _ FL: STIMU	1: F ULATIO	85 810 TP: ON DETAI	<u>L</u>	Oil lost/re Cum oil r	ecovered	today: _ l: _	29 29 Fluid Rate: We Weath	COST estern rig #2 erford BOF D&M hot o		\$4,751 \$225 \$368 \$300
Base Fluid	d to be re F used:	covered: _ FL: STIMU	1: F ULATIO	85 810 TP: ON DETAI	<u>L</u>	Oil lost/re Cum oil r	ecovered	today: _ l: _	29 29 Fluid Rate: We Weath	COST estern rig #2 erford BOF D&M hot o		\$4,751 \$225 \$368
Base Fluid	d to be re F used:	covered: _ FL: STIMU	1: F ULATIO	85 810 TP: ON DETAI	<u>L</u>	Oil lost/re Cum oil r	ecovered	today: _ l: _	29 29 Fluid Rate: We Weath	COST estern rig #2 erford BOF D&M hot o		\$4,751 \$225 \$368 \$300
Base Fluid	d to be re F used:	covered: _ FL: STIMU	1: F ULATIO	85 810 TP: ON DETAI	<u>L</u>	Oil lost/re Cum oil r	ecovered	today: _ l: _	29 29 Fluid Rate: We Weath	COST estern rig #2 erford BOF D&M hot o		\$4,751 \$225 \$368 \$300
Base Fluid	d to be re F used:	covered: _ FL: STIMU	1: F ULATIO	85 810 TP: ON DETAI	<u>L</u>	Oil lost/re Cum oil r	ecovered	today: _ l: _	29 29 Fluid Rate: We Weath	COST estern rig #2 erford BOF D&M hot o		\$4,751 \$225 \$368 \$300
Base Fluid	d to be re F used:	covered: _ FL: STIMU	1: F ULATIO	85 810 TP: ON DETAI	<u>L</u>	Oil lost/re Cum oil r	ecovered	today: _ l: _	29 29 Fluid Rate: We Weath	COST estern rig #2 erford BOF D&M hot o		\$4,751 \$225 \$368 \$300
Base Fluid Company: Procedure	d to be re	STIMU	JLATIO	85 810 TP: ON DETAI Job Type:		Oil lost/re Cum oil n hoke:	ecovered	today: _ l: _	29 29 Fluid Rate: We Weath	COST estern rig #2 erford BOF D&M hot o		\$4,751 \$225 \$368 \$300
Base Fluid Company: Procedure	d to be re Fused:  used:  or Equipn	STIMU STIMU nent detail	JLATIO	85 810 TP: DN DETAI Job Type:	fluid p	Oil lost/re Cum oil n hoke:	ecovered	today: _ l: _	29 29 Fluid Rate: We Weath	COST estern rig #2 erford BOF D&M hot o		\$4,751 \$225 \$368 \$300
Base Fluid Company: Procedure	d to be re Flused: or Equipn  MA	STIMU STIMU nent detail	JLATIO	85 810 TP: DN DETAI Job Type: Total Total	fluid p	Oil lost/re Cum oil re hoke:  pmpd: pmpd:	ecovered	today: _ l: _	29 29 Fluid Rate:  We Weath  NI  NPC	cos estern rig #2 erford BOF D&M hot o PC trucking		\$4,751 \$225 \$368 \$300 \$300
Base Fluid Company: Procedure  Max TP: Avg TP: ISIP:	d to be re Flused: or Equipn  M	STIMU STIMU nent detail	1:	85 810 TP: DN DETAI Job Type:	fluid p	Oil lost/re Cum oil re hoke:  pmpd: pmpd:	ecovered	today: !: Final	29 29 Fluid Rate: We Weath	COST estern rig #2 erford BOF D&M hot o PC trucking supervision		\$4,751 \$225 \$368 \$300



# ATTACHMENT G-1 80f9

Day: \_\_5

#### DAILY COMPLETION REPORT

SWD 7-9-9-16

**WELL NAME:** 

Report Date: June 19, 2007

Ope	ration:	Completion	<u> </u>			Rig:	Western	#2
<del></del>				WELL STA	TUS			
Surf Csg:	8 5/8'	@ 314'			5 1/2" @	6129'	Csg PBT	D: <b>6087'</b>
Tbg:	Size:	2 7/8" Wt:	6.5#	Grd: <u>J-55</u>	Anchor @	5316'	BP/Sand PBT	
			<b>.</b>	EDEODATION	DECODD			
Zone		<u>Perfs</u>	<u>면</u> SPF/#s	ERFORATION shots	Zone		<u>Perfs</u>	SPF/#shots
GB4 sds	4	312-4324'	4/48	311013	<u> Zone</u>		1 0113	<u>5F17#31100</u>
D1 sds	4	808-4817'	4/36					
A3 sds		264-5278'	4/56					
LODC		353-5359'	4/24			_		
			CUDO		ODEDATION			
Data Warl	Domform	madı luna	<u></u>	ONOLOGICAL	OPERATIONS	-	90 610	D. 500
Date Worl		gh weekend. R	18, 2007	DO 6 656 DIL	6.00 E		80 SIC	
jts 2 7/8 8	rd 6.5# J	V/ BHA & product -55 tbg. Well sti IU wellhead. SIF	Il static. NE	BOP. Set TA				
			FI	UID RECOVE	RY (BBI S)			
Starting flu	id load to	be recovered:	1810		il rec to date:	2	90	
Fluid lost/r	ecovered	today:	113	Oil lost/ <u>re</u>	covered today	: 10	005	
Ending flui			1697	Cum oil re			295	
IFL:	F	FL:	FTP:	Choke:	Fin	al Fluid Rate:	Fina	al oil cut:
		STIMULATI	ON DETAIL	=			COSTS	
Base Fluid	used: _		Job Type:				estern rig #2	\$4,880
Company:						Weatl	nerford BOP	\$250
Proce <u>dure</u>	or Equip	ment detail:					D&M hot oil	\$525
-						NDS	l oil transfer	\$1,000
						F	RNI brine wtr	\$3,500
							CDI TA	\$525
							CDI SN	\$80
						NPC	supervision	\$300
	***************************************	Max Rate:		luid pmpd:			A	
Avg TP ISIP		Avg Rate: 5 min:	l otal F 10 min:	Prop pmpd:	 G:	DAILY O	COST:	\$11,060
			Gary Dietz		<u> </u>		ELL COST:	
Compi	Juon Ju	PCI VISUI	Cary Dietz			IOTAL W	LLL 0031:	\$617,966



# ATTACHMENT G-1 9079

#### **DAILY COMPLETION REPORT**

<u>WE</u>	ELL NAME:	SWD	7-9-9-1	16	Re	port E	Date: _	June	e 20, 2007	_		Day: <u>6</u>
	Operation:	Completion	n						Rig:	Wes	tern #2	2
					WELL ST	TATUS	<u> </u>					
Surf (	Csg: <u>8 5/8'</u>				od Csg:	5 1/2	2''	@	6129'	_	PBTD:	
Tbg:	Size:	2 7/8" Wt	<u> 6.</u>	<u>5#</u> Grd	: <u>J-5</u> 8	<u>5</u> ,	Ancho	r @:	5316'	_ BP/Sand	PBTD:	6087'
				PERI	FORATIO	N RE	CORD	<u>)</u>				
	one .	Perfs		SPF/#shot	<u>ts</u>		Zon	<u>e</u>		<u>Perfs</u>		SPF/#shots
GB4 D1 sc		4312-4324' 4808-4817'	_	4/48 4/36	_	_						
A3 sc		5264-5278'	_	4/56		_			•			
LOD		5353-5359'	<del>-</del> -	4/24							<del></del>	
			_			-					_	
D-4-	Work Perfo		ne 19, :		<u> DLOGICAI</u>	L OPE	:RAII	<u>ONS</u>	SITP:	000	SICP:	200
pump scrap rod. to 80	o and "A" graph pered rods, 8 Seat pump 8 0 psi. Good	off well. RU & the ade rod string as 88-3/4" plain rods & RU pumping upump action. Rloduction @ 11:3	follow , 98-3/ nit. Fil DMOS	vs: new Cl /4" scraper I tbg W/ 2 U. Est 169	DI 2 1/2" 2 red rods, 1 BW. Pres 99 BWTR.	X 1 1/ 1-8', 1 ssure	/2" X 2 -6' & 2 test tb	20' RI 2-4' X og & p	HAC pump 3/4" pony	, 6-1 1/2" v rods and 1	veight i	rods, 20-3/4 26' polished
	ng fluid load	to be recovered:	16	<u>FLUII</u> 97	O RECOV Starting Oil lost/	oil re	c to da	te:	12	295	_	•
	ng fluid to be		1699		Cum oil			uay.	1:	295	<del></del>	
		FFL:	FTP:		Choke:			Final	Fluid Rate:		_ _Final o	oil cut:
•	TUBII	NG DETAIL		<u>R</u>	OD DETA	AIL_				cos	TS	
		·	_						We	estern rig #	2	\$2,073
KB	12.00'			1 1/2" X 2	2' polishe	d rod			<u> </u>	NDSI HO tr	<u>k</u>	\$650
173	2 7/8 J-55 t	bg (5304.13')	_	1-8', 1-6'	& 2-4' X 3	/4" po	nies			DI rod pum	<u>p</u>	\$1,800
	TA (2.80' @	) 5316.13' KB)	_	98-3/4" sc	crapered r	ods			"A" grad	de rod strin	<u>g</u>	\$13,546
1	2 7/8 J-55 t	bg (31.60')	_	88-3/4" pl	ain rods				NPC frac t	ks(5X5 dys	<u>s)</u>	\$1,000
	SN (1.10' @	) 5350.53' KB)	_	20-3/4" sc	crapered r	ods			NPC swi	tk (3 days	<u>s)</u>	\$120
2	2 7/8 J-55 t	bg (60.88')	_	6-1 1/2" w	eight rode	s			NP	C frac hea	<u>d</u>	\$500
	2 7/8 NC (.4	<b>15</b> ')	***	CDI 2 1/2	' X 1 1/2" ː	X 20'			NDSI	wtr disposa	<u>al</u>	\$1,000
EOT	5412.96' W	/ 12' KB	<u></u>	RHAC pu	mp W/ SN	√l plun	ger		Mic	lway ratiga	<u>n</u> _	\$400
		***	_						NPC	supervisio	<u>n</u>	\$300
			-						W		_	
											<b>-</b>	
									DAILY			\$21,389
Co	ompletion S	upervisor:	Gary	Dietz					TOTAL W	ELL COST	`:	\$639,355

#### **ATTACHMENT H**

#### WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1.		Set CIBP @ 4262'
2.	Plug #1	Set 100' plug on top of CIBP using 12 sx Class "G" cement
3.	Plug #2	167' balance plug using 19 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4.	Plug #3	120' balance plug using 14 sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5.	Plug #4	Pump 42 sx Class "G" Cement down 5-1/2" casing to 364'

The approximate cost to plug and abandon this well is \$59,344.

## ATTACHMENT H-1

#### S Wells Draw Federal 7-9-9-16

Spud Date: 5-03-2007 Put on Production: 6-19-2007 GL: 5795' KB: 5807'

Proposed P & A Wellbore Diagram

Cement top @ 54

Casing Shoe @ 314'

Initial Production: MCFD, BWPD

BOPD,

#### SURFACE CASING

CSG SIZE: 8-5/8" GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts (302.36')

DEPTH LANDED: 314,21' KB

HOLE SIZE:12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

Pump 42 sx Class "G" Cement down 5-1/2" casing to 364'

#### PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 139 jts. (6115.32')

DEPTH LANDED: 6128.57' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

CEMENT TOP AT: 54'

167' balance plug using 19sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale (2935'-3102')

120' balance plug using 14 sx Class "G" cement 60'

above Uinta/Green River and extending 60' below (1568'-1688')

100' (12 sx) Class G Cement plug on top of CIBP

CIBP @ 4262'

4312-4324'

4808-4817

5264-5278

5353-5359'

PBTD @ 6087'

SHOE @ 6129'

TD @ 6150'

# NEWFIELD

#### S Wells Draw Federal 7-9-9-16

1919' FNL & 2177' FEL

SW/NE Section 9-T9S-R16E

Duchesne Co, Utah

API # 43-013-32917; Lease # UTU-65207

FORM 3160-5 (August 2007)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires: July 31,2010

•			3. Lease Se	Hai INO.			
SUNDRY	NOTICES AND REPOR	RTS ON WELLS	USA UTU	J-65207			
Do not use t	his form for proposals to	drill or to re-enter an	C 707 1	Allottee or Tribe Name.			
abandoned w	ell. Use Form 3160-3 (API	D) for such proposals	·				
CUDMIT IN	TRIPLICATE - Other In	etructions on page 2	7 1511-2	CA/Agreement, Name and/or			
SUBMITTIN	IKITLICATE - Omei II	istructions on page 2		CA/Agreement, Name and/or			
1. Type of Well			GMBU				
Oil Well Gas Well	Other		8. Well Nan	ne and No.			
2. Name of Operator	- Cuto			ELLS DRAW 7-9-9-16			
NEWFIELD PRODUCTION CO	DMPANY		9 API Well	9. API Well No.			
3a. Address Route 3 Box 3630		3b. Phone (include are		= : = :			
Myton, UT 84052		435.646.3721	10. Field an	d Pool, or Exploratory Area			
4. Location of Well (Footage,	Sec., T., R., M., or Survey Descrip	tion)	GREATE	R MB UNIT			
1919 FNL 2177 FEL			11. County	or Parish, State			
SWNE Section 9 T9S R16E			DUCHES	NE UT			
		N MO DIDICATE NA					
12. CHECK	APPROPRIATE BOX(ES	S) TO INIDICATE NA	TURE OF NUTICE, OF	ROTHERDATA			
TYPE OF SUBMISSION		TYP	E OF ACTION				
	CD Asidimo	Danen Danen	Production (Start/Resu	me) Water Shut-Off			
▼ Notice of Intent	Acidize	Deepen	Reclamation	Well Integrity			
	Alter Casing	Fracture Treat	Recomplete				
Subsequent Report	Casing Repair	New Construction		Other			
Final Abandonment	Change Plans	Plug & Abandon	Temporarily Abandon				
- Final Abandonment	Convert to Injector	Plug Back	Water Disposal				
Newlield Production proj	poses to convert the above	menuoriea wen nom a	producing on well to an in				
I hereby certify that the foregoing correct (Printed/ Typed) Eric Sundberg Signature		Title Regulatory Le Date 08/23/2010  DR FEDERAL OR ST					
	THIS SPACE FO	DK FEDEKAL OR SI	ATE OFFICE USE				
Approved by		Title		Date			

which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

Office

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease

# BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-368

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 14, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 9 AND 15, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

#### **Greater Monument Butte Unit:**

Ashley Federal 6-14-9-15 well located in SE/4 NW/4, Section 14, Township 9 South, Range 15 East South Wells Draw Federal 7-9-9-16 well located in SW/4 NE/4, Section 9, Township 9 South, Range 16 East Castle Peak Federal 31-15-9-16 well located in NW/4 NE/4, Section 15, Township 9 South, Range 16 East

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 20th day of September, 2010.

STATE OF UTAH

DIVISION OF OIL, GAS & MINING

Brad Hill

Permitting Manager

#### **Newfield Production Company**

#### ASHLEY FEDERAL 6-14-9-15, SOUTH WELLS DRAW FEDERAL 7-9-9-16, CASTLE PEAK FEDERAL 31-15-9-16.

#### Cause No. UIC-368

#### Publication Notices were sent to the following:

Newfield Production Company 1001 17th Street, Suite 2000 Denver, CO 80202

Uintah Basin Standard 268 South 200 East Roosevelt, UT 84066 via e-mail ubs@ubstandard.com

Salt Lake Tribune P O Box 45838 Salt Lake City, UT 84145 via e-mail naclegal@mediaoneutah.com

Vernal Office Bureau of Land Management 170 South 500 East Vernal, UT 84078 Duchesne County Planning P O Box 317 Duchesne, UT 84021-0317

Bruce Suchomel US EPA Region 8 MS 8P-W-GW 1595 Wynkoop Street Denver, CO 80202-1129

Newfield Production Company Rt 3 Box 3630 Myton, UT 84052

Jan Sweet

### Jean Sweet - RE: Notice of Agency Action - Newfield Production Company Cause No. UIC-368

From: "NAC Legal" <naclegal@mediaoneutah.com>

To: "Jean Sweet" <jsweet@utah.gov>

**Date:** 9/20/2010 12:06 PM

Subject: RE: Notice of Agency Action - Newfield Production Company Cause No. UIC-368

Ad #620622 is scheduled to run September 23rd in Salt Lake Tribune and on the website: utahlegals.com

Total charge is \$155.00. Please check the ad in the paper.

Thank you,

Lynn Valdez

MediaOne of Utah,

a Newspaper Agency Company

4770 South 5600 West

West Valley City, Utah 84118

Ph.: 801-204-6245

Email: naclegal@mediaoneutah.com

From: Jean Sweet [mailto:jsweet@utah.gov] Sent: Monday, September 20, 2010 9:49 AM

To: naclegal@mediaoneutah.com

Subject: Notice of Agency Action - Newfield Production Company Cause No. UIC-368

To Whom It May Concern:

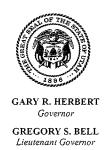
Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please <u>notify me via e-mail of the date it will be published</u>. My e-mail address is: <u>jsweet@utah.gov</u>.

Please send proof of publication and billing for account #9001402352 to:

Division of Oil, Gas and Mining PO Box 145801 Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet, Executive Secretary Utah Div. of Oil, Gas & Mining 1594 West Temple, Suite 1210 Salt Lake City, UT 801-538-5329 jsweet@utah.gov



### State of Utah

#### DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

September 20, 2010

VIA E-MAIL naclegal@mediaoneutah.com

Salt Lake Tribune P. O. Box 45838 Salt Lake City, UT 84145

Subject: Notice of Agency Action - Newfield Production Company Cause No. UIC-368

To whom it may concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please <u>notify me via e-mail of the date it will be published</u>. My e-mail address is: <u>jsweet@utah.gov</u>.

Please send proof of publication and billing for account #9001402352 to:

Division of Oil, Gas and Mining PO Box 145801 Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet

**Executive Secretary** 

Enclosure



From:

Cindy Kleinfelter <classifieds@ubstandard.com>

To:

<jsweet@utah.gov> 9/23/2010 10:32 AM

Date:

Notice of Agency Action

Subject:

We have received subject notice. It will be published Sept. 28. The new address for public notices is now legals@ubstandard.com.

Thank you Cindy



## State of Utah

#### DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

September 20, 2010

Via e-mail: <u>ubs@ubstandard.com</u>

Uintah Basin Standard 268 South 200 East Roosevelt, UT 84066

Subject: Notice of Agency Action - Newfield Production Company Cause No. UIC-368

To whom it may concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please <u>notify me via e-mail of the date it will be published</u>. My e-mail address is: <u>isweet@utah.gov</u>.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining PO Box 145801 Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet

**Executive Secretary** 

Enclosure



SALT LAKE CITY,

### The Salt Lake Tribune





#### PROOF OF PUBLICATION

UT 84114

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING,	9001402352	9/24/2010
1594 W NORTH TEMP #1210 P.O. BOX 145801		RECEIVED

OCT 0 4 2010

ACCOUN	IT NAME	DIV. OF OIL, GAS & MINING			
DIV OF OIL-GA	AS & MINING,				
TELEPHONE	ADORDER# / INVOICE NUMBE	R			
8015385340 SCHEI	0000620622 /	BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-368			
Start 09/23/2010	End 09/23/2010	IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODU TION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERT. WELLS LOCATED IN SECTION 14, TOWNSHIP 9 SOUTH, RAN 15 EAST, AND SECTIONS 9 AND 15, TOWNSHIP 9 SOU RANGE 16 EAST, DUCHES			
CUST, R	THE STATE OF UTAH TO ALL PERSONS INTERESTED IN TABOVE ENTITLED MATTER.				
Cause #UIC-368	Notice is hereby given that the Division of Oil, Gas and Ming (the "Division") is commencing an informal adjudication proceeding to consider the application of Newfield Prodution Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion				
CAPT	ΠΟΝ	Craster Manument Putto Unit			
	RCES STATE OF UTAH NOTICE OF A	Greater Monument Butte Unit: Ashley Federal 6-14-9-15 well located in SE/4 NW/4, Set tion 14, Township 9 South, Range 15 East South Wells Drefederal 7-9-9-16 well located in SW/4 NE/4, Section Township 9 South, Range 16 East Castle Peak Federal 3 15-9-16 well located in NW/4 NE/4, Section 15, Township			
SIZ	ZE	South, kange 16 East			
60 Lines	2.00 COLUMN	The proceeding will be conducted in accordance with Ut Admin. R649-10, Administrative Procedures.			
TIMES	RATE	Selected zones in the Green River Formation will be used a water injection. The maximum requested injection pressur and rates will be determined based on fracture gradient formation submitted by Newfield Production Company.			
3		Any person desiring to object to the application or otherwintervene in the proceeding, must file a written protest or notice of intervention with the Division within afteron days to			
MISC. CHARGES	AD CHARGES	Any person desiring to object to the application or otherwintervene in the proceeding, must file a written protest or notice of intervention with the Division within efficient of the proceeding is Brard Hill, Permitting Manager, P.O. Box 145801, Salt Lake City, UT 84114-5801, pilo number (801) 538-5340. If such a protest or notice of intevention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedur rules. Protestants and/or interveners should be prepared.			
		demonstrate at the hearing how this matter affects their i			
	TOTAL COST	terests.  Dated this 20th day of September, 2010.			
	155.00	STATE OF UTAH DIVISION OF OIL, GAS & MININ /5/ Brad Hill Brad Hill			
AFF	FIDAVIT OF PUBLICATION	620622 Permitting Manager UPAXI			

AS NEWSPAPER AGENCY CORPORATION LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF BEFORE THE DIVISION OF OIL. GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-368 IN THE MATTER OF THE APPLICA FOR DIV OF OIL-GAS & MINING, WAS PUBLISHED BY THE NEWSPAPER AGENCY CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINATELY.

	Start 0	9/23/2010	End	09/23/2010	1359363	VIRGINIA CRAFT
PUBLISHED ON	Į v					Commission # 681469
SIGNATURE	Dal	Del taylor				My Commission Expires January 12, 2014
	9/24/2010				Minin	Min (Hunt
		THIS IS NOT A STATEMENT B	RIIT A "	PROOF OF PURI	CATION"	was Just

PLEASE PAY FROM BILLING STATEMENT

BEFORE THE DIVISION OF OIL, **GAS AND** MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF **AGENCY** ACTION CAUSE NO. **UIC-368** 

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATEDINSECTION 14, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 9 AND 15, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THESTATEOFUTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

Ashley Federal 6-14-9-15 well located in SE/4 NW/4, Section 14, Township 9 South, Range

South Wells Draw Federal 7-9-9-16 well located in SW/4 NE/4, Section 9, Township 9 South, Range 16 East

Castle Peak Federal 31-15-9-16 well located in NW/4 NE/4, Section 15, Township 9 South, Range 16 East

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

### Continued from previous page

or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 20th day of September, 2010. STATE OF UTAH DIVISION OF OIL, GAS & MINING

/s/
Brad Hill
Permitting Manager
Published in the Uintah
Basin Standard September 28, 2010.

## FFIDAVIT OF PUBLICATION

County of Duchesne. STATE OF UTAH

Editor

Subscribed and worn to before me this

Hay of Alencei, 20/

Notary Public



BEFORE THE DIVISION OF OIL, **GAS AND** MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. **UIC-368** 

INTHEMATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATEDINSECTION 14, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 9 AND 15, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THESTATEOFUTAH TO ALL PERSONS IN-TERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production

ing of the notice of default property as of the recordthe record owners of the SERVICING LP, and MIDE HOME LOANS LP FKA COUNTRY-*FOYUS SEKNICING* trust deed is BAC HOME current Beneficiary of the error in the address. The disclaims liability for any 84078. The undersigned **YVENUE, VERNAL, UT** be 98 SOUTH DALE property is purported to The address of the \$010:600:50

Tax Parcel No. 05:009:0105

Continued from previous page

or otherwise interve in the proceeding, m file a written protest notice of interventi with the Division with fifteen days followi publication of this notic The Division's Presidi Officer for the proceedi is Brad Hill, Permitti Manager, at P.O. B. 145801, Salt Lake Cit UT 84114-5801, pho number (801) 538-534 If such a protest or n tice of intervention received, a hearing will l scheduled in accordance with the aforementions administrative procedur rules. Protestants and/o interveners should t prepared to demonstra at the hearing how th matter affects their in

Dated this 20th day of September, 2010, STATE OF UTAH DIVISION OF OIL GAS & MINING

/s/
Brad Hill
Permitting Manager
Published in the Uintal
Basin Standard Septem
ber 28, 2010.

Send Payments to: Uintah Basin Standard 268 S 200 E Roosevelt, Utah 84066

Phone: 435-722-5131 Fax: 435-722-4140

Rose Nolton

PO BOX 145801

**DIVISION OF OIL GAS & MINING** 

SALT LAKE CITY, UT 84114-5801

1594 W. N.TEMPLE STE 121



Express www.REGEEOM

OCT 0 4 2010 DIV. OF OIL, GAS & MINING **Invoice Number** 

Invoice Date

5773

9/28/2010

Invoice Amount

**Due Date** 

\$112.25

10/28/2010

12-786

1 1/2% fee will be charged to all past due balances.

Advertiser No.

2080

**Amount Enclosed** 

Please detach top portion and return with your payment

INVOICE

Uintah Basin Standard		rd	DIVISION OF OIL GAS & MINING	DIVISION OF OIL GAS & MINING				
Date	Order		Description	Ad Size		SubTotal	Sales Tax	9/28/2010 Amount
9/28/2010	3089	UBS	UBS Legal Notice: Notice of Agency Action (Newfield) Pub Sept 28, 2010					\$112.25
				Transactions:	1	\$112.25	\$0.00	\$112.25
***************************************		······						

SUMMARY

Advertiser No.

2080

Invoice No.

5773

1 1/2% fee will be charged to all past due balances.

Thank You for your business!

Thank you for advertising with us, we appreciate your business!

# DIVISION OF OIL, GAS AND MINING UNDERGROUND INJECTION CONTROL PROGRAM PERMIT STATEMENT OF BASIS

Applicant: Ne	wfield Production Company	Well: South Wells Draw Federal 7-9-9-				
Location:	9/9S/16E	API:	43-013-32917			

Ownership Issues: The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and leaseholders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 314 feet and has a cement top at the surface. A 5½ inch production casing is set at 6,129 feet. A cement bond log demonstrates adequate bond in this well up to 3,366 feet. A 2 7/8 inch tubing with a packer will be set at 4,262 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. On the basis of surface locations, there are 8 producing wells, 2 injection wells, and 1 P/A well in the AOR. In addition, there is 1 directionally drilled producing well with a surface location slightly outside the AOR and a bottom hole location inside the AOR. All of the wells have evidence of adequate casing and cement. Inasmuch as some logs are of dubious quality or do not exhibit conclusive cement tops, it has been necessary to calculate approximate tops for "lite" cement, based on the cement indicated in the well completion report.

Ground Water Protection: As interpreted from Technical Publication No. 92, the base of moderately saline water is at a depth of approximately 1900 feet. Injection shall be limited to the interval between 4,093 feet and 6,087 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 7-9-9-16 well is 0.88 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,890 psig. The requested maximum pressure is 1,890 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any groundwater present should be adequately protected.

# South Wells Draw Federal 7-9-9-16 page 2

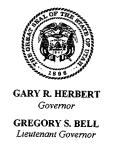
**Oil/Gas& Other Mineral Resources Protection:** The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

**Bonding:** Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(	s):	Mark Reinbold	Date	10/12/2010



## State of Utah

#### DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA Division Director

October 18, 2010

Newfield Production Company 1001 Seventeenth Street, Suite 2000 Denver, CO 80202

Subject: Greater Monument Butte Unit Well: South Wells Draw Federal 7-9-9-16, Section 9,

Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-32917

#### Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

- 1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
- 2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
- 3. A casing\tubing pressure test shall be conducted prior to commencing injection.
- 4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

John Rogers

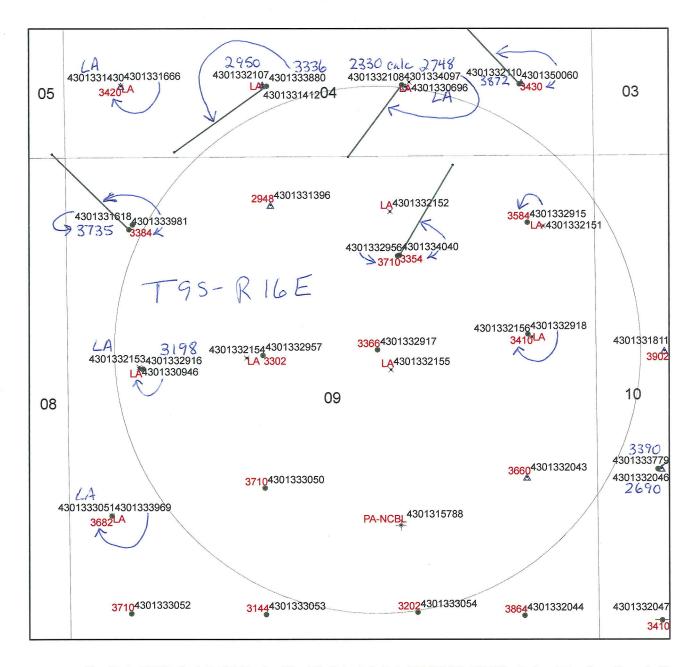
Associate Director

JR/MLR/is

cc: Bruce Suchomel, Environmental Protection Agency Bureau of Land Management, Vernal **Duchesne County** Newfield Production Company, Myton Well File

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield





### SOUTH WELLS DRAW FEDERAL 7-9-9-16 API #43-013-32917

UIC-368.1 Legend Buffer\_of\_SGID93\_ENERGY\_DNROilGasWells\_26 PRODUCING OIL Wells-CbltopsMaster9\_13\_10 - SHUT-IN OIL 0 0.32 TW TA O TEST WELL OPS ▲ WATER INJECTION GS WATER SUPPLY O APD WATER DISPOSAL 1870calc = approx cement top calculated from well completion report -ф- PA ♠ DRILLING X LA A RETURNED GAS GAS STORAGE A RETURNED OIL X LOCATION ABANDONED O NEW LOCATION ▲ WATER DISP. SUSP. - PLUGGED & ABANDONED WATER INJ. SUSP county-lines \* PRODUCING GAS Sections

- SGID93.ENERGY.DNROilGasWells HDPath



February 7, 2011

Mr. Brad Hill State of Utah, DOGM 1594 West North Temple-Suite 1310 P.O. Box 145801 Salt Lake City, Utah 84114-5801

> RE: Injection Conversion South Wells Draw 7-9-9-16 API # 43-013-32917

Dear Mr. Brad Hill:

This well was converted from a producing well to an injection well. New interval added: C sands – 4974-4980' 3 JSPF. Please find enclosed the sundry, a copy of the tabular, and chart. If you have any questions please call me at 435-646-4874.

Sincerely,

Lucy Chavez-Naupoto
Administrative Assistant

**Enclosures** 

RECEIVED FEB 0 9 2011

DIV. OF OIL, GAS & MINING

#### STATE OF UTAH

(This space for State use only)

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING				5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-65207
SUNDRY NOTICES AND REPORTS ON WELLS				6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.				7. UNIT or CA AGREEMENT NAME: GMBU
1. TYPE OF WELL: OIL WELL GAS WELL OTHER				8. WELL NAME and NUMBER: SOUTH WELLS DRAW 7-9-9-16
2. NAME OF OPERATOR:				9. API NUMBER:
NEWFIELD PRODUCTION COMPANY				4301332917
3. ADDRESS OF OPERATOR:			PHONE NUMBER	10. FIELD AND POOL, OR WILDCAT:
Route 3 Box 3630  4. LOCATION OF WELL:	CITY Myton STATE UT	ZIP 84052	435.646.3721	GREATER MB UNIT
FOOTAGES AT SURFACE: 1919 FNL 2177 FEL				COUNTY: DUCHESNE
OTR/OTR. SECTION. TOWNSHIP. RANGE, MERIDIAN: SWNE, 9, T9S, R16E				STATE: UT
11. CHECK APPROP	PRIATE BOXES TO INDICAT	E NATURE (	OF NOTICE, REP	ORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF SUBMISSION TYPE OF ACTION			
NOTICE OF NAME OF	ACIDIZE	CIDIZE DEEPEN		REPERFORATE CURRENT FORMATION
NOTICE OF INTENT (Submit in Duplicate)	ALTER CASING	FRACTURE TREAT		SIDETRACK TO REPAIR WELL
Approximate date work will	CASING REPAIR	NEW CONSTRUCTION		TEMPORARITLY ABANDON
	CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE		TUBING REPAIR
	CHANGE TUBING	PLUG AND ABANDON		VENT OR FLAIR
SUBSEOUENT REPORT (Submit Original Form Only)	1二	=		<b>=</b>
	CHANGE WELL NAME	PLUG BACK		WATER DISPOSAL
Date of Work Completion:	X CHANGE WELL STATUS	=	N (START/STOP)	WATER SHUT-OFF
	COMMINGLE PRODUCING FORMATIONS	RECLAMATI	ON OF WELL SITE	OTHER: -
01/31/2011	X CONVERT WELL TYPE	RECOMPLET	E - DIFFERENT FORMATION	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  The subject well has been converted from a producing oil well to an injection well on 01/19/2011.  One interval was perforated, C sands - 4974-4980' 3 JSPF.  On 01/26/2011 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well.  Permission was given at that time to perform the test on 01/31/2011. On 01/31/2011 the casing was pressured up to 1650 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 800 psig during the test. There was not an State representative available to witness the test.  API# 43-013-32917				
NAME (PLEASE PRINT)_ Lucy Chavez-Naupoto			TITLE Administrative Assistant	
0 00 (-5			TITLE Administrative Ass	
SIGNATURE Con Con Con Con Con Con Con Con Con Con			DATE 02/07/2011	

RECEIVED FEB 0 9 2011 FORM 3160-5 (August 2007)

## **UNITED STATES** DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB No. 1004-0137 Expires: July 31,2010

	BUREAU OF LAND MANA	CEMENT			<del></del>
SUNDRY NOTICES AND REPORTS ON WELLS		5. Lease Serial No USA UTU-6520			
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.			6. If Indian, Allott		
SUBMIT IN TRIPLICATE - Other Instructions on page 2			7. If Unit or CA/Agreement, Name and/or		
		moti detions on page 2		GMBU	greement, Name and/or
1. Type of Well  Oil Well  Gas Well	Other				
2. Name of Operator	Other Other		<del></del>	8. Well Name and SOUTH WELLS	No. DRAW 7-9-9-16
NEWFIELD PRODUCTION CO	OMPANY			9. API Well No.	
3a. Address Route 3 Box 3630 Myton, UT 84052		3b. Phone (include are	code)	4301332917	
	Sec., T., R., M., or Survey Descrip	435.646.3721 otion)	<del></del>	GREATER MB	, or Exploratory Area
1919 FNL 2177 FEL		,		11. County or Pari	
SWNE Section 9 T9S R16E				DUCHESNE, U	T
12. CHECK	K APPROPRIATE BOX(E	S) TO INIDICATE NA	TURE OF NO	OTICE, OR OT	HER DATA
TYPE OF SUBMISSION		TYPE	OF ACTION		
□ Notice of Intent	Acidize	Deepen	Production	n (Start/Resume)	■ Water Shut-Off
	Alter Casing	Fracture Treat	Reclamati		Well Integrity
Subsequent Report	Casing Repair Change Plans	<ul><li>☑ New Construction</li><li>☑ Plug &amp; Abandon</li></ul>	Recomple	te ily Abandon	Other  Change Status
Final Abandonment	Change Flans  Convert to Injector	Plug Back	Water Dis	-	Change Status
Bond under which the work will be of the involved operations. If the op Final Abandonment Notices shall be inspection.)	peration: (Clearly state all pertinent de or recomplete horizontally, give subsur e performed or provide the Bond No. on peration results in a multiple completion be filed only after all requirements, inclu- en converted from a produci	face locations and measured and to file with BLM/BIA. Required so on or recompletion in a new intervuding reclamation, have been com-	true vertical depths absequent reports stall, a Form 3160-4 suppleted, and the open	of all pertinent marke hall be filed within 30 shall be filed once test rator has determined t	rs and zones. Attach the days following completion ing has been completed.
	ited, C sands - 4974-4980' 3		i well on on i	<i>9</i> /2011.	
Permission was given at psig and charted for 30 n	ngram with the State of Utah that time to perform the tes minutes with no pressure los There was not an State rep	et on 01/31/2011. On 01 ss. The well was not inje	/31/2011 the ecting during	casing was pres the test. The tu	ssured up to 1650
API# 43-013-32917					

I hereby certify that the foregoing is true and correct (Printed/Typed)	Title			
Lucy Chavez-Naupoto	Administrative Assistant			
Signature Signature	Date 02/07/2011			
THIS SPACE FOR FEDERAL OR STATE OFFICE USE				
Approved by	Title	Date	······································	
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office		and the same of the same of the same of the same of the same of the same of the same of the same of the same of	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

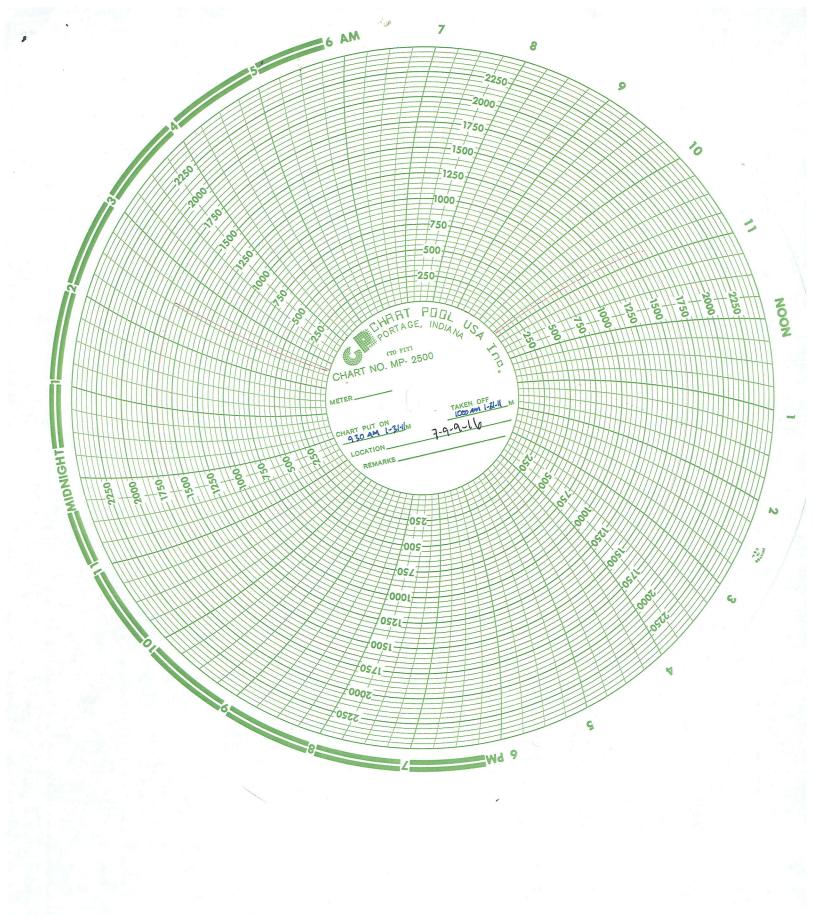
**RECEIVED** FEB 09 2011

## Mechanical Integrity Test Casing or Annulus Pressure Test

## Newfield Production Company Rt. 3 Box 3630 Myton, UT 84052 435-646-3721

Others Present:	oy: <u>Scott Sums</u>	/ NEWFIELD	
	LS DEAW 7-9-9-16		nument butte
Well Location:	SWNE14SEC 9, TAS	RIGE APINO: 43	3-013-32917
	<u>Time</u>	Casing Pressure	
	0 min	1650	psig
	5	1650	psig
	10	1650	psig
	15	1650	_ psig
	20	1650	_ psig
	25	1650	_ psig
	30 min	1650	_ psig
* 5%	35	·	_ psig
	40	·	_ psig
\$	45		_ psig
	50		psig
	55		_ psig
	60 min _		_ psig
	Tubing pressure:	900	psig
	Result:	Pass	Fail

Signature of Person Conducting Test:



## **Daily Activity Report**

## Format For Sundry S WELLS DRW 7-9-9-16 11/1/2010 To 3/28/2011

### 1/14/2011 Day: 1

Conversion

Nabors #1608 on 1/14/2011 - MIRUSU. LD rod string. - MIRUSU. Pump 60 bbls down tbg. Unseat pump (had to pump another 60 BW to get unseat). Flush rods w/ 35 BW. Soft seat pump. Test tbg to 3000 psi. Fish rods. TOOH w/ rods laying down on trailer. TA wasn't set. RU BOP's. SIFN.

Daily Cost: \$0

**Cumulative Cost:** \$5,456

## 1/15/2011 Day: 2

Conversion

Nabors #1608 on 1/15/2011 - TOOH w/ tbg breaking & inspecting. - Thaw well out. Flush tbg w/ 60 bbls. Lay down btm jts tbg. TOOH w/ tbg breaking, doping & inspecting every pin. SIFN.

Daily Cost: \$0

Cumulative Cost: \$11,594

### 1/17/2011 Day: 3

Conversion

Nabors #1608 on 1/17/2011 - Perferate C sds. TIH w/ N-80. Break down C sds. - Thaw well out. RU Perforators LLC. RIH w/ 3-1/8" Port Guns (11 gram, .36"EH, 120°. 16.82"pen) & perferate C sds w/ 3 spf for total of 18 shots. RU WLT, WLTD was 5397' w/ gauge ring. RU Weatherford "TS" RBP, retrieving head, 2-3/8" x 4' pup joint, "HD" pkr, SN. Pickup, tally, drift & TIH w/ N-80 frac string off trailer. Set RBP @ 5043'. Set pkr @ 5023'. Test tools. Release pkr & reset @ 4918'. Break down C sds @ 1350 psi back to psi 1200 w/ 5 bbls of fluid @ 1/4 bpm. SIFN. Well ready for frac.

Daily Cost: \$0

Cumulative Cost: \$20,446

### 1/18/2011 Day: 4

Conversion

Nabors #1608 on 1/18/2011 - Frac well. LD N-80. TIH w/ pkr. - RU BJ Services. Fill casing w/62 bbls water & ho9ld pressure on while fracing @ 1/4 bpm. Open well w/250 psi on tbg. Broke down @ 2298 psi back to 2207 w/2 bbls @ 3 bpm. ISIP was 1789 w/.79FG. Frac w/8765#'s of 20/40 sand in 154 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 4338 psi @ ave rate of 16 bpm w/6 ppg of sand. ISIP was 1955 w/.85FG. RD BJ. Flow well back. Well flowed for 3/4 hour & died w/50 bbls rec'd. Pressure casing to 100 psi. Release pkr. Circulate tbg clean. TIH w/ tbg to tag 25' of sand. Release RBP. TOOH w/ N-80 tbg laying down on trailer. LD tools. TIH w/ Arrow Set pkr, SN, 139 jts. Drop S.V. Test tbg to 3000 psi. SIFN.

Daily Cost: \$0

**Cumulative Cost:** \$42,542

## 1/19/2011 Day: 5

Conversion

Nabors #1608 on 1/19/2011 - Test tbg. Test casing. RDMOSU. Well ready for MIT. - Test tbg to 3000 psi. RiH w/ sand line & fish S.V. RD BOP's. Pump 65 bbls of packer fluid. Set AS pkr

w/ 15,000#'s tension @ 4283' w/ EOT @ 4290'. Test casing to 1400 psi. RDMOSU. Well ready for MIT.

Daily Cost: \$0

**Cumulative Cost:** \$112,879

#### 2/2/2011 Day: 6

Conversion

Rigless on 2/2/2011 - Conversion MIT - On 1/26/2011 Dennis Ingram with the State of Utah DOGM was contacted concerning the conversion MIT on the above listed well (South Wells Draw 7-9-9-16). On 1/31/2011 the csg was pressured up to 1650 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test The tbg pressure was 800 psig during the test. There was not a State representative available to witness the test. Final Report API# 43-013-32917 **Finalized** 

Daily Cost: \$0

Cumulative Cost: \$132,925

**Pertinent Files: Go to File List** 



## State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

## Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

## UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-368

**Operator:** 

Newfield Production Company

Well:

South Wells Draw Federal 7-9-9-16

Location:

Section 9, Township 9 South, Range 16 East

County:

Duchesne

API No.:

43-013-32917

Well Type:

Enhanced Recovery (waterflood)

## **Stipulations of Permit Approval**

- 1. Approval for conversion to Injection Well issued on October 18, 2010.
- 2. Maximum Allowable Injection Pressure: 1,890 psig
- 3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
- 4. Injection Interval: Green River Formation (4,093' 6,087')
- 5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:

John Rogers

Associate Director

2/14/201

Date

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Eric Sundberg, Newfield Production Company, Denver
Newfield Production Company, Myton
Duchesne County

Well File

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield



		STATE OF UTAH	EGOLID CEG		
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING				5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-65207
	SUNDRY NOTICES AND REPORTS ON WELLS				6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
D		rill new wells, significantly deepen existing wells be tal laterals. Use APPLICATION FOR PERMIT TO			7. UNIT OF CA AGREEMENT NAME: GMBU
1. TY	PE OF WELL: OIL WELL	GAS WELL OTHER			8. WELL NAME and NUMBER: SOUTH WELLS DRAW 7-9-9-16
2. N	AME OF OPERATOR:				9. API NUMBER:
N	EWFIELD PRODUCTION COM	MPANY			4301332917
3. AI	DDRESS OF OPERATOR:			PHONE NUMBER	10. FIELD AND POOL, OR WILDCAT:
	oute 3 Box 3630	CITY Myton STATE UT	ZIP 84052	435.646.3721	GREATER MB UNIT
	OCATION OF WELL: DOTAGES AT SURFACE: 1919 FNL	2177 FEL			COUNTY: DUCHESNE
07	FR/OTR. SECTION. TOWNSHIP. RANGE	MERIDIAN: SWNE, 9, T9S, R16E			STATE: UT
11.	CHECK APPRO	PRIATE BOXES TO INDICAT	E NATURE (	OF NOTICE, REPO	ORT, OR OTHER DATA
Т	YPE OF SUBMISSION		TY	PE OF ACTION	
X	NOTICE OF INTENT	ACIDIZE	DEEPEN		REPERFORATE CURRENT FORMATION
	(Submit in Duplicate)	ALTER CASING	FRACTURE 1	REAT	SIDETRACK TO REPAIR WELL
	Approximate date work will	CASING REPAIR	■ NEW CONST	RUCTION	TEMPORARITLY ABANDON
	03/11/2011	CHANGE TO PREVIOUS PLANS	OPERATOR (	CHANGE	TUBING REPAIR
		CHANGE TUBING	PLUG AND A	ABANDON	VENT OR FLAIR
	SUBSEQUENT REPORT	CHANGE WELL NAME	PLUG BACK		WATER DISPOSAL
	(Submit Original Form Only)	CHANGE WELL STATUS	PRODUCTIO	N (START/STOP)	WATER SHUT-OFF
	Date of Work Completion:	COMMINGLE PRODUCING FORMATIONS	RECLAMAT	ON OF WELL SITE	X OTHER: - Put on Injection
		X CONVERT WELL TYPE	RECOMPLET	E - DIFFERENT FORMATION	
12.	DESCRIBE PROPOSED OR CO	OMPLETED OPERATIONS. Clearly show a	all pertinent detail	s including dates, depths, v	olumes, etc.
		was put on injection at 11:00 AM on		-	

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	TITLE Administrative Assistant
SIGNATURE A. C. C. SIGNATURE	DATE 03/11/2011

(This space for State use only)

**RECEIVED** 

MAR 2 1 2011

FORM 3160-5 (August 2007)

## UNITED STATES DEPA

UNITED STATES		
ARTMENT OF THE INTERIOR	l	
EAU OF LAND MANAGEMENT	_	τ

5. Lease Serial No.		-
USA UTU-65207		

FORM APPROVED OMB No. 1004-0137

Expires: July 31,2010

SUNDRY NOTICES AND REPORTS ON WELLS  Do not use this form for proposals to drill or to re-enter an				<ol> <li>Lease Serial N USA UTU-6520</li> <li>If Indian, Allott</li> </ol>	07
SUBMIT IN TRIPLICATE - Other Instructions on page 2  1. Type of Well				7. If Unit or CA/A	Agreement, Name and/or
Oil Well Gas Well  Name of Operator NEWFIELD PRODUCTION CO	Other  OMPANY			8. Well Name and SOUTH WELLS 9. API Well No.	I No. 5 DRAW 7-9-9-16
3a. Address Route 3 Box 3630  Myton, UT 84052  4. Location of Well (Footage, Society of State	Sec., T., R., M., or Survey Descrip	3b. Phone (include are constant) 435.646.3721 tion)	ode)	4301332917	
SWNE Section 9 T9S R16E				DUCHESNE, U	,
12. CHECK	APPROPRIATE BOX(ES	S) TO INIDICATE NAT	URE OF NO	OTICE, OR OT	HER DATA
TYPE OF SUBMISSION		TYPE	OF ACTION		
Notice of Intent     Subsequent Report     Final Abandonment	Acidize Alter Casing Casing Repair Change Plans Convert to Injector		Reclamati	te ily Abandon	Water Shut-Off Well Integrity Other Put on Injection

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The above reference well was put on injection at 11:00 AM on 03/11/2011.

States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

I hereby certify that the foregoing is true and correct (Printed/ Typed)	Title		
Lucy Chavez-Naupoto	Administrative Assistant		
Signature Acceptance of the Signature	Date 03/11/2011		
THIS SPACE FOR FELL	DERAL OR STATE OFFIC	EE USE	
Approved by	Title	Date	
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office		

Sundry Number: 68360 API Well Number: 43013329170000

STATE OF UTAH DEPARTMENT OF MATURAL RESOLUCES DIVISION OF OIL, 63,53 AND MININION  SUNDRY NOTICES AND REPORTS ON WELLS  DO not use this form for proposals to drill new wells, significantly deepen existing wells below control to other hote depth, recentre lyaged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.  "Interest of the proposals of the proposals of the proposals."  "Interest of the proposals of the proposals."  "Interest o					
SUNDRY NOTICES AND REPORTS ON WELLS  Do not use this form for proposals to drill new wells, significantly deepen existing wells below  The PERMIT TO DRILL form for such proposals.  1. TYPE OF PERMIT TO DRILL form for such proposals.  1. TYPE OF PERMIT TO DRILL form for such proposals.  1. TYPE OF PERMIT TO DRILL form for such proposals.  1. TYPE OF PERMIT TO DRILL form for such proposals.  1. TYPE OF PERMIT TO DRILL form for such proposals.  1. TYPE OF PERMIT TO DRILL form for such proposals.  1. TYPE OF PERMIT TO DRILL form for such proposals.  1. TYPE OF PERMIT TO DRILL form for such proposals.  1. TYPE OF PERMIT TO DRILL SURPLING THE PROPOSAL SURPLI		STATE OF UTAH		FORM 9	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION PROPERTY TO PREMIT TO PREMIT OF THE PROPERTY OF THE PROPER					
### CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA    Notice of Street Competence   Proceedings   Processing   Processi	SUNDR	Y NOTICES AND REPORTS ON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
VASIET Injection Well   S WELLS DRAW FED 7-9-9-16	current bottom-hole depth,	reenter plugged wells, or to drill horizontal I			
3. ADDRESS OF OPERATOR: 3. ADDRESS OF OPERATOR: 3. ADDRESS OF OPERATOR: 3. BOX 3503. Myton, UT. 54/052  4. SO 4. Myton, UT. 54/052  4. SO 4. Myton, UT. 54/052  4. SO 4. Myton, UT. 54/052  4. SO 54/0542  4. LOCATION OF WELL FOOTORGES AT SURFACE: 1191 F NL 2177 FEL UTAH  11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF ACTION  ACTIVE OF ACTION  ACTIVE OF ACTION  ACTIVE OF ACTION  ACTIVE OF WELL FRANCE; MERIDIAN: 1. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF ACTION  ACTIVE OF ACTION  ACTIVE OF ACTION  ACTIVE OF HARDWAY AND ADMANDON  ACTIVE OF ACTION  ACTIVE OF MACHINE THAT IS CHEMBER THAT IS CHEMBER THAT IS CHEMBER THAT IS CHEMBER THAT IS CHEMBER TO WILL BE THAT IS CHEMBER TO WILL BE THAT IS CHEMBER TO WILL BE THE MY IN THE MACHINE THAT IS CHEMBER TO MADE AND ADMANDON  AND EXTENSION  TUBE OF SUBMISSION  TUBE OF ACTION  TUBE OF	= * = = =				
ALGCATION OF WELL POOTAGES AT SURFACE: 1919 FIN. 2177 FEL OTROITE, SECTION, TOWNSHIP, RANGE, MERIDIAN: OUT/OR: SWINE Section: 09 Township: 09.05 Range: 16.0E Meridian: S  TYPE OF SUBMISSION  TYPE OF SUBMISSION  TYPE OF SUBMISSION  ACCUSE	l .	DMPANY			
TOTAL RESPONT    STATE					
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF ACTION  ATERICASING  ATERICASING  ATERICASING  ATERICASING  ATERICASING  ATERICASING  ATERICASING  ATERICASING  ATERICASING  ATERICASING  CASING REPART	FOOTAGES AT SURFACE:				
TYPE OF SUBMISSION  TYPE OF ACTION  ACIDIZE ALTER CASING CHANGE TO INTENT Approximate date work will start:  SINDRECUENT REPORT Date of Signal: 12/10/2015 OPERATOR CHANGE DISTRICT COMPRISED OF REPORT COMPRISED OF REALING COMPRISED OF REALING CONSTRUCTION  TUBING REPORT Report COMPRISED OF REPORT COMPRISED OF REALING COMPRISED OF COM			S		
ACIDIZE		K APPROPRIATE BOXES TO INDICATE N	ATURE OF NOTICE, REPOR	T, OR OTHER DATA	
NOTICE OF INTENT	TYPE OF SUBMISSION		TYPE OF ACTION		
Approximate date work will start:    SIBASCULENT REPORT   CHANGE WELL STATUS   COMMINGLE PRODUCING FORMATIONS   CONVERT WELL TYPE		☐ ACIDIZE ☐ A	ALTER CASING	CASING REPAIR	
SIGNATURE   SIGN		CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME	
Date of Work Completedion: 12/10/2015    SPUD REPORT   OPERATOR CHANGE   PLUG AND ABANDON   PLUG BACK		CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE	
SPUD REPORT   Date of Spud:   PLUG AND ABANDON   PLUG BACK   PLUG AND ABANDON   PLUG BACK   PLUG BA		DEEPEN F	RACTURE TREAT	NEW CONSTRUCTION	
Date of Spud:    REPERFORATE CURRENT FORMATION   SIDETRACK TO REPAIR WELL   TEMPORARY ABANDON   TUBING REPAIR   WATER DISPOSAL   APD EXTENSION   APP EXTENSION	12/10/2015	OPERATOR CHANGE F	PLUG AND ABANDON	PLUG BACK	
Date of Spud:    REPERFORATE CURRENT FORMATION   SIDETRACK TO REPAIR WELL   TEMPORARY ABANDON   WATER DISPOSAL   WATER DISPOSAL   WATER DISPOSAL   APD EXTENSION   OTHER   STATUS EXTEN	SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION	
DRILLING REPORT Report Dates:    WATER SHUTOFF		REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON	
NAME (PLEASE PRINT)   WILDCAT WELL DETERMINATION   SITA STATUS EXTENSION   OTHER   5 YR MIT		TUBING REPAIR	/ENT OR FLARE	WATER DISPOSAL	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  On 12/07/2015 Amy Doebele with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 12/10/2015 the casing was pressured up to 1201 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1858 psig during the test. There were State representatives available to witness the test - Amy Doebele and Mark Jones.  NAME (PLEASE PRINT)  Lucy Chavez-Naupoto  PHONE NUMBER 435 646-4874  TITLE Water Services Technician  SIGNATURE  OTHER: SYRMIT  OTHER: SYRMIT  OTHER: SYRMIT  OTHER: SYRMIT  OTHER: SYRMIT  OTHER: SYRMIT  ITILE Water Services Technician  OTHER: SYRMIT  Accepted by the Utah Division of Oil, Gas and Mining  FOR RECORD ONLY  December 11, 2015		WATER SHUTOFF S	SI TA STATUS EXTENSION	APD EXTENSION	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  On 12/07/2015 Amy Doebele with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 12/10/2015 the casing was pressured up to 1201 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1858 psig during the test. There were State representatives available to witness the test - Amy Doebele and Mark Jones.  NAME (PLEASE PRINT)  Lucy Chavez-Naupoto  PHONE NUMBER 435 646-4874  TITLE Water Services Technician  SIGNATURE  DATE					
On 12/07/2015 Amy Doebele with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 12/10/2015 the casing was pressured up to 1201 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1858 psig during the test. There were State representatives available to witness the test - Amy Doebele and Mark Jones.  NAME (PLEASE PRINT)  Lucy Chavez-Naupoto  PHONE NUMBER 435 646-4874  PHONE NUMBER Water Services Technician  SIGNATURE  DATE	40 DECORIDE BRODOSED OR			·	
Lucy Chavez-Naupoto 435 646-4874 Water Services Technician  SIGNATURE DATE	On 12/07/2015 Amy Doebele with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 12/10/2015 the casing was pressured up to 1201 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1858 psig during the test. There were State representatives available to witness the test - Amy Doebele and				
SIGNATURE DATE			1		
	,	100 010 107 7			

Sundry Number: 68360 API Well Number: 43013329170000

Pg lofz

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company Rt. 3 Box 3630 Myton, UT 84052 435-646-3721

Witness: Amy Doesele	Date 12 / 10 / 15" Time 12:23 am(pm)
Test Conducted by: Michael Jensen	
Others Present: Mark Jones, JD	Day, Hal Richins
Well: South Wells Draw Federal 7-9-9-16	Field: Monument Butte
Well Location: SW/NE Sec. 9, T95, RI	6E API No: 43-013-32917

<u>Time</u>	Casing Pressure	
0 min 5	1212.8	psig psig
10	1213.8	psig
15	1215.4	psig
20	1217.2	psig 1826 Lubins
25	1219.6	psig charled Trienting
30 min	1218.4	psig 1836 tubing psig started Insecting psig 1851 tubing
35	1216.4	psig
40	1214.0	psig
45	1211.4	psig
50	1208.8	psig
55	1206.0	, ,
60 min	1204.2	psig Continued on Next
Tubing pressure:	1839	psig

Result:

Pass

Fail

see next page.

Signature of Witness:

Signature of Person Conducting Test:

Mulul

Sundry Number: 68360 API Well Number: 43013329170000

Pg ZXZ

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company Rt. 3 Box 3630 Myton, UT 84052 435-646-3721

Witness: Amy Doebek	Date 12 / 10 / 15 Time 12 23 am (pm)	
Test Conducted by: Michael Jease		
Others Present: Mark Jones JD	y Hal Richins	
	•	
Well: South Wells Draw Federal 7-9-9-1	Field: Monument Butte	
Well Location: SW/NE Sec. 9, Tas, RIGE API No: 43-013-32917		

<u>Time</u>	<b>Casing Pressure</b>	
0 min	1703. 2	psig
5	1201.6	psig
10	1201:4	psig
15	1201.0	psig
20	1200, 8	psig
25	1201.2	psig 30 min
30 min	1201.2	psig 30 min psig Acceptable psig Test.
35	1200.6.	psig
40	1200.6	psig / lest.
45		psig
50		psig
55		psig
60 min		psig
	la .	

Tubing pressure:

858 ps

Result:

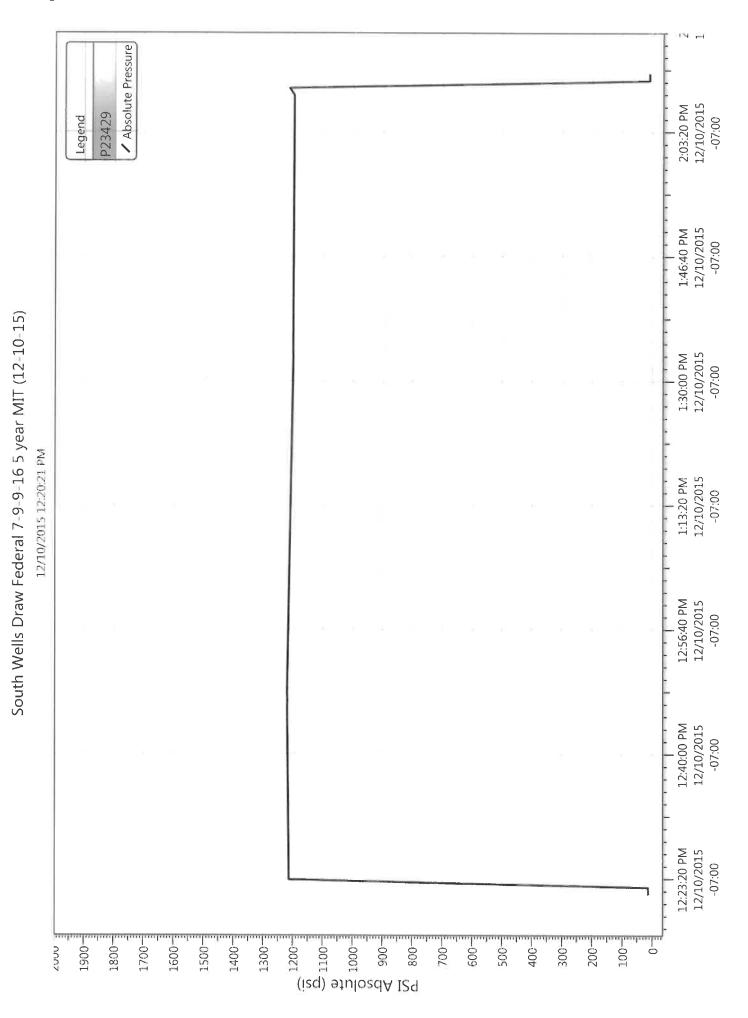
Pass

Fail

Signature of Witness:

Signature of Person Conducting Test:

Muhr



## S Wells Draw Federal 7-9-9-16

Spud Date: 5-03-2007 Initial Production: BOPD, Put on Production: 6-19-2007 Injection Wellbore MCFD, BWPD GL: 5795' KB: 5807' Diagram SURFACE CASING FRAC JOB CSG SIZE: 8-5 8" 06-13-07 5353-5359 Frac LODC sands as follows: 14566# 20/40 sand in 263 bbls Lightning 17 Cement top a 54 GRADE: J-55 frac fluid. Treated at avg press of 3118 psi wavg rate of 24.8 BPM, ISIP 2413 psi, Calc flush: 5351 gal. Actual flush: 4889 gal. WEIGHT: 24st LENGTH: 7 jts (302.36') Frac A3 sands as follows: 06-13-07 5264-5278 DEPTH LANDED: 314.21' KB Casing Shoe a 314' 84918# 20 40 sand in 633 bbls Lightning 17 frac fluid. Treated @ avg press of 1760 psi wavg rate of 24.8 BPM. ISIP 2120 psi. Calc flush: 5262 gal. Actual flush: 4746 gal. HOLE SIZE:12-14 CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf. Frac DI sands as follows: 06-13-07 4808-4817 74920# 20/40 sand in 573 bbls Lightning 17 frac fluid. Treated @ avg press of 1905 psi w avg rate of 24.8 BPM, ISIP 2140 psi, Calc flush: 4806 gal. Actual flush: 4284 gal. Frac GB4 sands as follows: 06-13-07 4312-4324" 48210# 20 40 sand in 406 bbls Lightning 17 PRODUCTION CASING frac fluid. Treated a avg press of 1692 w avg rate of 24.8 BPM. ISIP 1918 psi. Calc CSG SIZE: 5-1 2" flush: 4310 gal. Actual flush: 4246 gal. GRADE: J-55 01-18-11 4974-4980 Frac C sands as follows: 8765# 20 40 sand WEIGHT: 15.5# in 56 bbls Lightning 17 frac fluid. LENGTH: 139 jts. (6115.32') 01-19-11 Convert to Injection well Conversion MIT - update the detail DEPTH LANDED: 6128.57' KB 01-31-11 HOLE SIZE: 7-7 8" CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50:50 POZ. CEMENT TOP AT: 54" **TUBING** SIZE GRADE WT.: 2-7 8" - J-55 6.5# NO. OF JOINTS: 139 jts (4270.2') SEATING NIPPLE: 2-7 8" (1.10') SN LANDED AT: 4282.2' KB CE a 4286.52° TOTAL STRING LENGTH: EOT a 4291' KB PERFORATION RECORD 06-07-07 5353-5359° 4 ISPF Packer a 4286 24 holes EOT a 4291 06-13-07 5264-5278° 4 JSPF 56 holes 06-13-07 4808-4817 4 JSPF 36 holes 06-13-07 5464-5470° 4 JSPF 4312-4324 48 holes 01-18-11 4974-4980° 3 JSPF 18 holes 4808-4817 4974-4980 5264-5278 5353-5359 NEWFIELD PBTD a 6087 SHOE a 6129" S Wells Draw Federal 7-9-9-16 TD a 6150 1919' FNL & 2177' FEL SW NE Section 9-T9S-R16E Duchesne Co. Utah

API # 43-013-32917; Lease # UTU-65207